

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063151.D
 Acq On : 31 Aug 2020 14:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:22 AM

Quant Time: Sep 01 03:13:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	462182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	874038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	803402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	393531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	759803	113.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.56%	
35) Dibromofluoromethane	7.55	113	578588	81.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.70%	
50) Toluene-d8	10.06	98	2255178	87.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.82%	
62) 4-Bromofluorobenzene	12.38	95	820256	92.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	436403	87.227	ug/l	97
3) Chloromethane	2.03	50	607944	94.148	ug/l	99
4) Vinyl Chloride	2.17	62	710713	102.025	ug/l	99
5) Bromomethane	2.53	94	609901	127.255	ug/l	98
6) Chloroethane	2.67	64	579487	120.708	ug/l	99
7) Trichlorofluoromethane	2.98	101	1043458	107.841	ug/l	98
8) Diethyl Ether	3.38	74	341670	103.238	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	491888	86.026	ug/l	99
10) Methyl Iodide	3.91	142	707218	93.096	ug/l	100
11) Tert butyl alcohol	4.73	59	462111	810.011	ug/l	100
12) 1,1-Dichloroethene	3.70	96	499754	97.503	ug/l	97
13) Acrolein	3.57	56	191325	635.898	ug/l	99
14) Allyl chloride	4.28	41	945899	113.906	ug/l	99
15) Acrylonitrile	4.93	53	1298313	612.875	ug/l	99
16) Acetone	3.78	43	1062793	595.081	ug/l	99
17) Carbon Disulfide	4.01	76	1524192	99.320	ug/l	97
18) Methyl Acetate	4.28	43	567511	89.054	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1909120	128.861	ug/l	98
20) Methylene Chloride	4.51	84	601562	93.993	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	592019	108.022	ug/l	96
22) Diisopropyl ether	5.90	45	2069647	121.992	ug/l	93
23) Vinyl Acetate	5.84	43	8369024	674.815	ug/l	96
24) 1,1-Dichloroethane	5.80	63	1136656	106.113	ug/l	99
25) 2-Butanone	6.78	43	1769348	683.452	ug/l	99
26) 2,2-Dichloropropane	6.78	77	979542	115.014	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	687998	113.459	ug/l	99
28) Bromochloromethane	7.15	49	569678	115.417	ug/l	99
29) Tetrahydrofuran	7.16	42	1194924	725.161	ug/l	99
30) Chloroform	7.33	83	1174253	106.655	ug/l	98
31) Cyclohexane	7.61	56	985281	98.426	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1051000	109.810	ug/l	99
36) 1,1-Dichloropropene	7.75	75	887022	92.855	ug/l	99
37) Ethyl Acetate	6.88	43	808312	116.459	ug/l #	96
38) Carbon Tetrachloride	7.73	117	904545	88.297	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063151.D
 Acq On : 31 Aug 2020 14:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:22 AM

Quant Time: Sep 01 03:13:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	975736	97.637	ug/l	99
40) Benzene	8.00	78	2569771	88.187	ug/l	100
41) Methacrylonitrile	7.12	41	385020	111.564	ug/l	98
42) 1,2-Dichloroethane	8.08	62	956085	97.049	ug/l	100
43) Isopropyl Acetate	8.13	43	1462771	120.390	ug/l #	91
44) Trichloroethene	8.80	130	628919	83.093	ug/l	98
45) 1,2-Dichloropropane	9.08	63	657945	83.890	ug/l	99
46) Dibromomethane	9.17	93	452926	91.975	ug/l	98
47) Bromodichloromethane	9.37	83	973857	95.211	ug/l	100
48) Methyl methacrylate	9.17	41	676126	112.703	ug/l	97
49) 1,4-Dioxane	9.16	88	189330	2222.361	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	3908585	577.880	ug/l	96
52) Toluene	10.13	92	1666266	96.100	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	1109927	107.776	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	1161060	103.653	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	615874	85.629	ug/l	98
56) Ethyl methacrylate	10.40	69	985618	114.683	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1104546	96.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2473758	620.871	ug/l	99
59) 2-Hexanone	10.72	43	2916396	635.384	ug/l	99
60) Dibromochloromethane	10.87	129	721185	91.778	ug/l	100
61) 1,2-Dibromoethane	10.98	107	663105	97.816	ug/l	98
64) Tetrachloroethene	10.60	164	566145	80.491	ug/l	98
65) Chlorobenzene	11.41	112	1719096	86.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	647897	84.476	ug/l	98
67) Ethyl Benzene	11.49	91	3126131	96.518	ug/l	97
68) m/p-Xylenes	11.59	106	2421451	199.472	ug/l	90
69) o-Xylene	11.92	106	1155246	98.767	ug/l	99
70) Styrene	11.94	104	2048206	107.574	ug/l	100
71) Bromoform	12.10	173	474934	88.169	ug/l #	97
73) Isopropylbenzene	12.23	105	3065065	100.958	ug/l	99
74) N-amyl acetate	12.05	43	1361310	138.031	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	890656	97.217	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	766535m	100.764	ug/l	
77) Bromobenzene	12.50	156	694524	85.158	ug/l	98
78) n-propylbenzene	12.57	91	3559979	102.933	ug/l	98
79) 2-Chlorotoluene	12.65	91	2152240	101.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2604575	107.087	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	336039	132.176	ug/l	97
82) 4-Chlorotoluene	12.75	91	2279036	106.926	ug/l	99
83) tert-Butylbenzene	12.97	119	2192264	103.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2644919	107.674	ug/l	99
85) sec-Butylbenzene	13.15	105	2906414	103.181	ug/l	99
86) p-Isopropyltoluene	13.27	119	2693427	111.492	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1334125	93.213	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1358143	93.981	ug/l	100
89) n-Butylbenzene	13.59	91	2430895	119.578	ug/l	99
90) Hexachloroethane	13.85	117	490599	91.455	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1301369	92.411	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	187810	124.349	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
Data File : VN063151.D
Acq On : 31 Aug 2020 14:35
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:07:22 AM

Quant Time: Sep 01 03:13:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 02:43:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	708212	108.551	ug/l	99
94) Hexachlorobutadiene	14.98	225	248689	56.631	ug/l	97
95) Naphthalene	15.11	128	2436875	153.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	675352	100.070	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063151.D
 Acq On : 31 Aug 2020 14:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:07:22 AM

Quant Time: Sep 01 03:13:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

