

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063362.D
 Acq On : 16 Sep 2020 12:43
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:55 PM

Quant Time: Sep 16 13:05:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	284898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	464444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	744869	164.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.98%	
35) Dibromofluoromethane	7.55	113	524480	163.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.38%	
50) Toluene-d8	10.06	98	2006353	162.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.88%	
62) 4-Bromofluorobenzene	12.38	95	777524	170.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	341.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	475491	168.255	ug/l	99
3) Chloromethane	2.03	50	573480	138.292	ug/l	99
4) Vinyl Chloride	2.16	62	572293	148.299	ug/l	100
5) Bromomethane	2.51	94	340137	130.488	ug/l	99
6) Chloroethane	2.66	64	333110	134.162	ug/l	96
7) Trichlorofluoromethane	2.98	101	849107	142.898	ug/l	100
8) Diethyl Ether	3.37	74	325134	150.236	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	462471	147.381	ug/l	99
10) Methyl Iodide	3.91	142	664317	164.270	ug/l	100
11) Tert butyl alcohol	4.73	59	454847	752.125	ug/l	100
12) 1,1-Dichloroethene	3.70	96	469387	149.103	ug/l	97
13) Acrolein	3.56	56	324756	1170.774	ug/l	99
14) Allyl chloride	4.27	41	953679	147.872	ug/l	98
15) Acrylonitrile	4.93	53	1260752	772.334	ug/l	100
16) Acetone	3.77	43	1099915	710.315	ug/l	100
17) Carbon Disulfide	4.01	76	1410054	144.898	ug/l	100
18) Methyl Acetate	4.27	43	577581	147.843	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1752257	155.558	ug/l	100
20) Methylene Chloride	4.50	84	548118	138.232	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	518512	147.454	ug/l	98
22) Diisopropyl ether	5.90	45	1906223	151.198	ug/l	97
23) Vinyl Acetate	5.84	43	7891556	790.861	ug/l	97
24) 1,1-Dichloroethane	5.79	63	1045414	151.818	ug/l	99
25) 2-Butanone	6.78	43	1730359	753.275	ug/l	99
26) 2,2-Dichloropropane	6.78	77	905629	150.457	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	600233	146.493	ug/l	98
28) Bromochloromethane	7.15	49	529306	160.053	ug/l	99
29) Tetrahydrofuran	7.16	42	1167713	780.376	ug/l	99
30) Chloroform	7.33	83	1056307	153.769	ug/l	100
31) Cyclohexane	7.61	56	913634	144.434	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	954471	158.808	ug/l	99
36) 1,1-Dichloropropene	7.75	75	797744	155.128	ug/l	99
37) Ethyl Acetate	6.88	43	767263	151.110	ug/l	100
38) Carbon Tetrachloride	7.73	117	826107	162.252	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063362.D
 Acq On : 16 Sep 2020 12:43
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:55 PM

Quant Time: Sep 16 13:05:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	852349	152.062	ug/l	99
40) Benzene	8.00	78	2244528	153.071	ug/l	99
41) Methacrylonitrile	7.13	41	373687m	161.725	ug/l	
42) 1,2-Dichloroethane	8.08	62	922096	164.097	ug/l	99
43) Isopropyl Acetate	8.13	43	1367842	158.838	ug/l #	89
44) Trichloroethene	8.80	130	542836	143.709	ug/l	98
45) 1,2-Dichloropropane	9.08	63	614172	152.549	ug/l	99
46) Dibromomethane	9.17	93	404792	154.248	ug/l	99
47) Bromodichloromethane	9.37	83	874807	160.530	ug/l	99
48) Methyl methacrylate	9.16	41	675119	163.150	ug/l	98
49) 1,4-Dioxane	9.17	88	176353	2766.194	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	3751787	791.472	ug/l	98
52) Toluene	10.12	92	1417105	157.889	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	992953	166.845	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1034563	161.626	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	547516	155.759	ug/l	98
56) Ethyl methacrylate	10.40	69	890014	166.662	ug/l	99
57) 1,3-Dichloropropane	10.68	76	968326	157.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2260153	786.998	ug/l	99
59) 2-Hexanone	10.72	43	2811035	804.621	ug/l	98
60) Dibromochloromethane	10.87	129	648955	167.916	ug/l	98
61) 1,2-Dibromoethane	10.98	107	581307	158.466	ug/l	99
64) Tetrachloroethene	10.60	164	461236	124.633	ug/l	99
65) Chlorobenzene	11.41	112	1474559	147.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	547657	149.711	ug/l	99
67) Ethyl Benzene	11.48	91	2747354	152.220	ug/l	98
68) m/p-Xylenes	11.60	106	2030065	303.756	ug/l	95
69) o-Xylene	11.92	106	975641	152.512	ug/l	99
70) Styrene	11.94	104	1708549	160.135	ug/l	99
71) Bromoform	12.10	173	444111	173.246	ug/l #	100
73) Isopropylbenzene	12.22	105	2649417	145.658	ug/l	99
74) N-amyl acetate	12.05	43	1308982	173.474	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	795493	150.988	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	808975m	159.420	ug/l	
77) Bromobenzene	12.50	156	608979	145.803	ug/l	99
78) n-propylbenzene	12.57	91	3113571	150.923	ug/l	99
79) 2-Chlorotoluene	12.65	91	1884914	148.618	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2288642	151.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	307253	164.325	ug/l	99
82) 4-Chlorotoluene	12.75	91	2030360	152.289	ug/l	99
83) tert-Butylbenzene	12.97	119	1858079	145.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2311025	151.652	ug/l	99
85) sec-Butylbenzene	13.15	105	2493700	153.051	ug/l	99
86) p-Isopropyltoluene	13.26	119	2253090	151.165	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1146042	149.998	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1170429	147.161	ug/l	100
89) n-Butylbenzene	13.59	91	2117305	157.120	ug/l	99
90) Hexachloroethane	13.85	117	433935	174.698	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1130272	149.438	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	190047	157.543	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063362.D
Acq On : 16 Sep 2020 12:43
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
9/17/2020 1:07:55 PM

Quant Time: Sep 16 13:05:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:15:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	649444	145.703	ug/l	100
94) Hexachlorobutadiene	14.98	225	268467	140.725	ug/l	98
95) Naphthalene	15.10	128	2149758	147.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	619544	142.062	ug/l	98

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

