

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063886.D
 Acq On : 5 Oct 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:10 PM

Quant Time: Oct 06 03:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	442169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217941	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.55	113	153402	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.06	98	556835	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.38	95	212053	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	135351	45.915	ug/l	100
3) Chloromethane	2.04	50	154038	44.534	ug/l	99
4) Vinyl Chloride	2.17	62	157211	45.279	ug/l	98
5) Bromomethane	2.53	94	96944	44.390	ug/l	100
6) Chloroethane	2.67	64	102271	49.294	ug/l	99
7) Trichlorofluoromethane	2.98	101	264084	47.958	ug/l	99
8) Diethyl Ether	3.38	74	89066	47.826	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139629	47.441	ug/l	100
10) Methyl Iodide	3.91	142	183726	53.762	ug/l	98
11) Tert butyl alcohol	4.73	59	122818	241.028	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	133571	47.479	ug/l	99
13) Acrolein	3.57	56	129399	413.760	ug/l	98
14) Allyl chloride	4.28	41	256298	49.039	ug/l	98
15) Acrylonitrile	4.93	53	369784	253.523	ug/l	99
16) Acetone	3.77	43	344657	242.583	ug/l	95
17) Carbon Disulfide	4.01	76	350656	46.171	ug/l	99
18) Methyl Acetate	4.28	43	192779	52.259	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	507534	49.657	ug/l	98
20) Methylene Chloride	4.51	84	162959	50.075	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	151004	47.921	ug/l	99
22) Diisopropyl ether	5.90	45	562965	52.354	ug/l	98
23) Vinyl Acetate	5.85	43	2304654	258.734	ug/l	100
24) 1,1-Dichloroethane	5.80	63	300158	48.819	ug/l	99
25) 2-Butanone	6.78	43	520276	258.289	ug/l	98
26) 2,2-Dichloropropane	6.78	77	229171	40.702	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	175053	48.303	ug/l	99
28) Bromochloromethane	7.15	49	161753	53.229	ug/l	97
29) Tetrahydrofuran	7.17	42	352279	260.756	ug/l	97
30) Chloroform	7.33	83	324661	50.644	ug/l	94
31) Cyclohexane	7.61	56	238386	44.489	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	293264	50.717	ug/l	100
36) 1,1-Dichloropropene	7.76	75	226724	48.168	ug/l	99
37) Ethyl Acetate	6.88	43	228125	48.782	ug/l	99
38) Carbon Tetrachloride	7.74	117	255390	48.387	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063886.D
 Acq On : 5 Oct 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:10 PM

Quant Time: Oct 06 03:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	211281	45.012	ug/l	98
40) Benzene	8.00	78	655979	48.793	ug/l	98
41) Methacrylonitrile	7.13	41	108751m	52.325	ug/l	
42) 1,2-Dichloroethane	8.09	62	281240	49.006	ug/l	100
43) Isopropyl Acetate	8.13	43	390631	50.643	ug/l	100
44) Trichloroethene	8.80	130	168447	47.820	ug/l	96
45) 1,2-Dichloropropane	9.08	63	178387	49.131	ug/l	98
46) Dibromomethane	9.17	93	123172	49.176	ug/l	100
47) Bromodichloromethane	9.37	83	263402	51.026	ug/l	99
48) Methyl methacrylate	9.17	41	198363	52.051	ug/l	95
49) 1,4-Dioxane	9.17	88	53441	986.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1204790	266.156	ug/l	100
52) Toluene	10.13	92	417122	50.161	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278367	50.306	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	288869	49.917	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	171066	51.296	ug/l	99
56) Ethyl methacrylate	10.40	69	250768	53.050	ug/l	97
57) 1,3-Dichloropropane	10.68	76	287593	50.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	644235	254.785	ug/l	100
59) 2-Hexanone	10.72	43	874641	260.103	ug/l	98
60) Dibromochloromethane	10.87	129	197333	50.810	ug/l	99
61) 1,2-Dibromoethane	10.98	107	173361	50.819	ug/l	98
64) Tetrachloroethene	10.60	164	159440	46.607	ug/l	98
65) Chlorobenzene	11.41	112	441053	48.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174602	50.212	ug/l	98
67) Ethyl Benzene	11.49	91	819821	49.672	ug/l	100
68) m/p-Xylenes	11.60	106	605568	98.447	ug/l	98
69) o-Xylene	11.92	106	288101	50.110	ug/l	100
70) Styrene	11.94	104	511675	52.429	ug/l	99
71) Bromoform	12.10	173	132998	50.009	ug/l #	98
73) Isopropylbenzene	12.23	105	775555	48.976	ug/l	99
74) N-amyl acetate	12.05	43	357505	48.637	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	241642	49.902	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	229330m	47.919	ug/l	
77) Bromobenzene	12.50	156	196877	50.668	ug/l	98
78) n-propylbenzene	12.57	91	894828	48.555	ug/l	100
79) 2-Chlorotoluene	12.65	91	558199	49.249	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	661880	49.822	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77076	46.385	ug/l	95
82) 4-Chlorotoluene	12.75	91	582818	49.533	ug/l	99
83) tert-Butylbenzene	12.97	119	527285	48.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669473	50.473	ug/l	99
85) sec-Butylbenzene	13.15	105	685501	48.028	ug/l	100
86) p-Isopropyltoluene	13.26	119	621673	49.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	343153	48.816	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	347349	47.457	ug/l	99
89) n-Butylbenzene	13.59	91	523210	44.895	ug/l	100
90) Hexachloroethane	13.85	117	119571	48.869	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	343599	49.349	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52898	46.581	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063886.D
Acq On : 5 Oct 2020 21:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:10 PM

Quant Time: Oct 06 03:59:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161302	42.862	ug/l	98
94) Hexachlorobutadiene	14.98	225	87827	46.528	ug/l	98
95) Naphthalene	15.10	128	494306	42.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157934	43.229	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063886.D
Acq On : 5 Oct 2020 21:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:10 PM

Quant Time: Oct 06 03:59:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

