

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063696.D
 Acq On : 25 Sep 2020 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:41:17 AM

Quant Time: Sep 28 03:28:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	359357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211166	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	
35) Dibromofluoromethane	7.55	113	142473	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	492563	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	188047	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102540	41.405	ug/l	100
3) Chloromethane	2.04	50	140486	42.881	ug/l	97
4) Vinyl Chloride	2.16	62	136484	47.021	ug/l	98
5) Bromomethane	2.53	94	89164	51.737	ug/l	99
6) Chloroethane	2.67	64	91573	51.395	ug/l	98
7) Trichlorofluoromethane	2.98	101	209919	48.472	ug/l	98
8) Diethyl Ether	3.38	74	86400	51.178	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	109941	45.141	ug/l	98
10) Methyl Iodide	3.91	142	152274	48.023	ug/l	96
11) Tert butyl alcohol	4.73	59	123341	239.261	ug/l	99
12) 1,1-Dichloroethene	3.70	96	111185	45.071	ug/l	96
13) Acrolein	3.56	56	32324	169.200	ug/l	97
14) Allyl chloride	4.28	41	223923	45.890	ug/l	95
15) Acrylonitrile	4.93	53	355432	271.057	ug/l	99
16) Acetone	3.78	43	326360	272.897	ug/l	98
17) Carbon Disulfide	4.02	76	282334	39.347	ug/l	100
18) Methyl Acetate	4.28	43	175992	57.969	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	473624	51.514	ug/l	97
20) Methylene Chloride	4.51	84	150624	49.711	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	126305	46.213	ug/l	97
22) Diisopropyl ether	5.90	45	512185	51.467	ug/l	99
23) Vinyl Acetate	5.85	43	2161561	264.476	ug/l	100
24) 1,1-Dichloroethane	5.80	63	271767	50.020	ug/l	100
25) 2-Butanone	6.78	43	501054	272.418	ug/l	100
26) 2,2-Dichloropropane	6.78	77	194040	40.564	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	155795	50.362	ug/l	98
28) Bromochloromethane	7.15	49	143088	57.038	ug/l	97
29) Tetrahydrofuran	7.17	42	329663	262.431	ug/l	98
30) Chloroform	7.33	83	289768	53.158	ug/l	97
31) Cyclohexane	7.62	56	189962	36.963	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	235427	48.559	ug/l	100
36) 1,1-Dichloropropene	7.76	75	179635	43.457	ug/l	99
37) Ethyl Acetate	6.88	43	214639	52.906	ug/l	98
38) Carbon Tetrachloride	7.74	117	198469	47.035	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063696.D
 Acq On : 25 Sep 2020 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 10:41:17 AM

Quant Time: Sep 28 03:28:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169238	37.723	ug/l	98
40) Benzene	8.00	78	572688	48.533	ug/l	99
41) Methacrylonitrile	7.13	41	111837m	61.292	ug/l	
42) 1,2-Dichloroethane	8.09	62	254717	53.677	ug/l	98
43) Isopropyl Acetate	8.13	43	366149	50.474	ug/l	98
44) Trichloroethene	8.80	130	136142	47.568	ug/l	96
45) 1,2-Dichloropropane	9.09	63	162352	50.517	ug/l	98
46) Dibromomethane	9.18	93	113481	53.724	ug/l	99
47) Bromodichloromethane	9.37	83	230393	52.503	ug/l	100
48) Methyl methacrylate	9.17	41	179454	50.351	ug/l	95
49) 1,4-Dioxane	9.17	88	49763	972.949	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1125877	277.228	ug/l	99
52) Toluene	10.13	92	344973	48.625	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	239558	48.900	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	250536	48.484	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155471	55.171	ug/l	99
56) Ethyl methacrylate	10.40	69	230200	52.328	ug/l	98
57) 1,3-Dichloropropane	10.68	76	264304	52.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	568327	246.271	ug/l	99
59) 2-Hexanone	10.72	43	823470	279.880	ug/l	100
60) Dibromochloromethane	10.87	129	174155	54.704	ug/l	99
61) 1,2-Dibromoethane	10.98	107	156987	53.622	ug/l	99
64) Tetrachloroethene	10.60	164	123415	50.436	ug/l	97
65) Chlorobenzene	11.41	112	361797	47.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	145949	52.196	ug/l	99
67) Ethyl Benzene	11.49	91	662877	46.145	ug/l	99
68) m/p-Xylenes	11.59	106	485094	93.658	ug/l	99
69) o-Xylene	11.92	106	234997	47.629	ug/l	100
70) Styrene	11.94	104	414438	50.089	ug/l	99
71) Bromoform	12.10	173	112847	54.173	ug/l #	98
73) Isopropylbenzene	12.23	105	618529	44.184	ug/l	99
74) N-amyl acetate	12.05	43	326554	49.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221649	51.136	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	211907m	49.008	ug/l	
77) Bromobenzene	12.50	156	154138	48.949	ug/l	99
78) n-propylbenzene	12.57	91	722313	44.301	ug/l	100
79) 2-Chlorotoluene	12.65	91	445590	45.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	535854	45.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	73181	46.401	ug/l	95
82) 4-Chlorotoluene	12.75	91	469851	45.498	ug/l	100
83) tert-Butylbenzene	12.97	119	426093	44.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	541458	45.921	ug/l	99
85) sec-Butylbenzene	13.15	105	562483	43.616	ug/l	100
86) p-Isopropyltoluene	13.26	119	508419	44.697	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	279028	47.807	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	275433	46.416	ug/l	99
89) n-Butylbenzene	13.59	91	445009	42.444	ug/l	98
90) Hexachloroethane	13.85	117	92959	42.919	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	283913	49.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52167	50.542	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063696.D
Acq On : 25 Sep 2020 22:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/29/2020 10:41:17 AM

Quant Time: Sep 28 03:28:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	145690	43.128	ug/l	100
94) Hexachlorobutadiene	14.98	225	67448	48.229	ug/l	100
95) Naphthalene	15.10	128	491418	44.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	140961	43.187	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
Data File : VN063696.D
Acq On : 25 Sep 2020 22:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/29/2020 10:41:17 AM

Quant Time: Sep 28 03:28:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

