

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064455.D
 Acq On : 5 Nov 2020 12:52
 Operator : JC/MD
 Sample : VN1105WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	523595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	253696	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.55	113	169682	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.06	98	644422	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.38	95	238203	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	71308	18.578	ug/l	97
3) Chloromethane	2.04	50	85670	18.376	ug/l	96
4) Vinyl Chloride	2.17	62	88514	18.488	ug/l	95
5) Bromomethane	2.54	94	58895	19.256	ug/l	99
6) Chloroethane	2.68	64	57164	18.650	ug/l	97
7) Trichlorofluoromethane	2.99	101	133372	18.919	ug/l	96
8) Diethyl Ether	3.37	74	49756	19.986	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	62483	18.665	ug/l #	84
10) Methyl Iodide	3.91	142	68470	17.602	ug/l	99
11) Tert butyl alcohol	4.75	59	60745	107.251	ug/l	98
12) 1,1-Dichloroethene	3.69	96	56686	17.976	ug/l	97
13) Acrolein	3.56	56	31727	90.308	ug/l	98
14) Allyl chloride	4.27	41	112350	18.213	ug/l	99
15) Acrylonitrile	4.93	53	164707	104.451	ug/l	98
16) Acetone	3.78	43	178035	91.003	ug/l	98
17) Carbon Disulfide	4.01	76	167342	17.745	ug/l	99
18) Methyl Acetate	4.29	43	74336	19.327	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	211837	18.665	ug/l	99
20) Methylene Chloride	4.50	84	71269	18.361	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	66687	18.625	ug/l	96
22) Diisopropyl ether	5.91	45	239411	18.283	ug/l	96
23) Vinyl Acetate	5.85	43	1021440	95.889	ug/l	100
24) 1,1-Dichloroethane	5.80	63	132797	18.456	ug/l	99
25) 2-Butanone	6.79	43	244254	97.989	ug/l	98
26) 2,2-Dichloropropane	6.78	77	113006	17.349	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	72793	17.545	ug/l	98
28) Bromochloromethane	7.15	49	61897	17.501	ug/l	99
29) Tetrahydrofuran	7.17	42	151562	99.104	ug/l	99
30) Chloroform	7.33	83	142671	18.863	ug/l	96
31) Cyclohexane	7.61	56	105485	16.896	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	123116	18.352	ug/l	99
36) 1,1-Dichloropropene	7.75	75	99936	18.067	ug/l	99
37) Ethyl Acetate	6.89	43	100091	18.319	ug/l	100
38) Carbon Tetrachloride	7.73	117	106952	18.092	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064455.D
 Acq On : 5 Nov 2020 12:52
 Operator : JC/MD
 Sample : VN1105WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	84635	17.069	ug/l	94
40) Benzene	8.00	78	291487	17.933	ug/l	100
41) Methacrylonitrile	7.13	41	55107	22.471	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	127349	19.415	ug/l	99
43) Isopropyl Acetate	8.13	43	169039	18.857	ug/l	100
44) Trichloroethene	8.80	130	73953	18.033	ug/l	98
45) 1,2-Dichloropropane	9.08	63	78812	18.172	ug/l	96
46) Dibromomethane	9.17	93	53944	18.895	ug/l	97
47) Bromodichloromethane	9.37	83	114614	18.670	ug/l	99
48) Methyl methacrylate	9.17	41	84577	18.698	ug/l	100
49) 1,4-Dioxane	9.16	88	25089	421.108	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	526781	100.769	ug/l	99
52) Toluene	10.13	92	177321	17.887	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	119302	18.331	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	127221	18.283	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	73248	18.945	ug/l	99
56) Ethyl methacrylate	10.40	69	102461	17.355	ug/l	97
57) 1,3-Dichloropropane	10.68	76	129977	19.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	273363	104.649	ug/l	98
59) 2-Hexanone	10.72	43	378129	91.303	ug/l	99
60) Dibromochloromethane	10.87	129	82203	18.990	ug/l	98
61) 1,2-Dibromoethane	10.98	107	75530	19.260	ug/l	99
64) Tetrachloroethene	10.60	164	67468	18.129	ug/l	98
65) Chlorobenzene	11.41	112	189828	17.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	74376	18.823	ug/l	99
67) Ethyl Benzene	11.48	91	333751	17.716	ug/l	99
68) m/p-Xylenes	11.59	106	243653	35.662	ug/l	98
69) o-Xylene	11.92	106	116132	17.590	ug/l	96
70) Styrene	11.94	104	198163	17.837	ug/l	99
71) Bromoform	12.10	173	51146	18.074	ug/l #	98
73) Isopropylbenzene	12.22	105	304369	17.963	ug/l	99
74) N-amyl acetate	12.05	43	140153	17.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102793	19.751	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	100715m	19.499	ug/l	
77) Bromobenzene	12.50	156	75083	18.150	ug/l	97
78) n-propylbenzene	12.57	91	361109	18.693	ug/l	98
79) 2-Chlorotoluene	12.65	91	229116	18.700	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	255507	18.278	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	31270	16.903	ug/l	90
82) 4-Chlorotoluene	12.75	91	233129	18.169	ug/l	100
83) tert-Butylbenzene	12.97	119	199433	18.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	258653	18.406	ug/l	100
85) sec-Butylbenzene	13.14	105	260714	18.856	ug/l	99
86) p-Isopropyltoluene	13.26	119	227898	18.324	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	128458	17.963	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	132193	17.888	ug/l	100
89) n-Butylbenzene	13.59	91	194803	18.218	ug/l	99
90) Hexachloroethane	13.85	117	44678	18.623	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	129602	18.841	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21653	20.896	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
Data File : VN064455.D
Acq On : 5 Nov 2020 12:52
Operator : JC/MD
Sample : VN1105WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1105WBSD01

Manual Integrations
APPROVED

MMDadoda
11/6/2020 8:51:12 AM

Quant Time: Nov 06 03:03:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51644	16.957	ug/l	97
94) Hexachlorobutadiene	14.98	225	26355	18.818	ug/l	99
95) Naphthalene	15.10	128	167556	16.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	55792	18.698	ug/l	95

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

