

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062152.D
 Acq On : 26 Jun 2020 20:15
 Operator : JC/MD
 Sample : L3020-19MSD
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:44 PM

Quant Time: Jun 27 06:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	235656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	475532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	259879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	164958	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	7.54	113	128755	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
50) Toluene-d8	10.06	98	614812	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
62) 4-Bromofluorobenzene	12.37	95	322893	85.10	ug/l	0.00
Spiked Amount			Recovery	=	170.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	126551	47.510	ug/l	98
3) Chloromethane	2.03	50	181405	58.063	ug/l	98
4) Vinyl Chloride	2.16	62	200066	47.694	ug/l	99
5) Bromomethane	2.48	94	31324	11.554	ug/l	98
6) Chloroethane	2.61	64	19641	6.854	ug/l	89
7) Trichlorofluoromethane	2.92	101	280343	54.238	ug/l	99
8) Diethyl Ether	3.37	74	98102	54.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.68	101	131201	48.472	ug/l	99
10) Methyl Iodide	3.89	142	138169	45.326	ug/l	99
11) Tert butyl alcohol	4.81	59	121752m	256.418	ug/l	
12) 1,1-Dichloroethene	3.66	96	136471	50.435	ug/l	99
13) Acrolein	3.56	56	139838	300.808	ug/l	95
14) Allyl chloride	4.26	41	196511	53.341	ug/l	99
15) Acrylonitrile	4.93	53	346343	267.674	ug/l	100
16) Acetone	3.78	43	276243	266.387	ug/l	97
17) Carbon Disulfide	3.98	76	377002	48.644	ug/l	100
18) Methyl Acetate	4.27	43	151825	57.752	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	469653	54.317	ug/l	96
20) Methylene Chloride	4.49	84	162003	53.378	ug/l	97
21) trans-1,2-Dichloroethene	4.97	96	147883	47.974	ug/l	98
22) Diisopropyl ether	5.90	45	455424	54.293	ug/l	97
23) Vinyl Acetate	5.84	43	1879714	274.470	ug/l	99
24) 1,1-Dichloroethane	5.79	63	270571	50.092	ug/l	99
25) 2-Butanone	6.79	43	417482	258.272	ug/l	98
26) 2,2-Dichloropropane	6.77	77	187900	41.745	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	177107	51.059	ug/l	99
28) Bromochloromethane	7.15	49	115307	49.201	ug/l	95
29) Tetrahydrofuran	7.17	42	280815	265.209	ug/l	100
30) Chloroform	7.32	83	272126	49.517	ug/l	99
31) Cyclohexane	7.60	56	291267	63.749	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	224501	48.440	ug/l	99
36) 1,1-Dichloropropene	7.74	75	202026	45.896	ug/l	99
37) Ethyl Acetate	6.88	43	183554	50.358	ug/l	98
38) Carbon Tetrachloride	7.73	117	182828	44.055	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062620\
 Data File : VN062152.D
 Acq On : 26 Jun 2020 20:15
 Operator : JC/MD
 Sample : L3020-19MSD
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MSD

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:44 PM

Quant Time: Jun 27 06:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	758111	157.185	ug/l	96
40) Benzene	8.00	78	623232	46.452	ug/l	99
41) Methacrylonitrile	7.14	41	80040m	47.366	ug/l	
42) 1,2-Dichloroethane	8.08	62	213125	47.016	ug/l	95
43) Isopropyl Acetate	8.13	43	419306	70.568	ug/l #	88
44) Trichloroethene	8.80	130	159510	47.131	ug/l	99
45) 1,2-Dichloropropane	9.08	63	169670	51.260	ug/l	99
46) Dibromomethane	9.17	93	106057	47.259	ug/l	97
47) Bromodichloromethane	9.37	83	255332	56.349	ug/l #	95
48) Methyl methacrylate	9.17	41	147846	55.494	ug/l	91
49) 1,4-Dioxane	9.18	88	55672	942.292	ug/l #	78
51) 4-Methyl-2-Pentanone	9.96	43	965779m	278.194	ug/l	
52) Toluene	10.12	92	424206	51.820	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	259389	52.031	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	266211	50.157	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	129621m	40.281	ug/l	
56) Ethyl methacrylate	10.40	69	254394	59.238	ug/l #	61
57) 1,3-Dichloropropane	10.68	76	286704	51.763	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	542632	293.770	ug/l	98
59) 2-Hexanone	10.73	43	644913	257.262	ug/l	93
60) Dibromochloromethane	10.88	129	169756	49.828	ug/l	99
61) 1,2-Dibromoethane	10.98	107	175574	53.100	ug/l #	37
64) Tetrachloroethene	10.60	164	132883	40.908	ug/l	97
65) Chlorobenzene	11.41	112	496807	47.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	173018	47.914	ug/l	100
67) Ethyl Benzene	11.48	91	5489666	311.267	ug/l #	77
68) m/p-Xylenes	11.60	106	2107549	308.956	ug/l	96
69) o-Xylene	11.92	106	346624	53.856	ug/l	95
70) Styrene	11.94	104	590954	55.055	ug/l	98
71) Bromoform	12.10	173	125755	48.981	ug/l #	97
73) Isopropylbenzene	12.23	105	2226910	110.699	ug/l	100
74) N-amyl acetate	12.05	43	365874m	49.447	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	257304	38.436	ug/l #	51
76) 1,2,3-Trichloropropane	12.53	75	231921m	37.909	ug/l	
77) Bromobenzene	12.50	156	230461	46.145	ug/l	93
78) n-propylbenzene	12.57	91	5801780	252.135	ug/l	85
79) 2-Chlorotoluene	12.66	91	1346658m	96.806	ug/l	
80) 1,3,5-Trimethylbenzene	12.71	105	5875861	360.312	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.28	75	89947	42.937	ug/l #	73
82) 4-Chlorotoluene	12.75	91	642276	44.648	ug/l	93
83) tert-Butylbenzene	12.97	119	671354	48.104	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	9568427m	587.482	ug/l	
85) sec-Butylbenzene	13.15	105	1796346	97.408	ug/l #	77
86) p-Isopropyltoluene	13.26	119	1308532	80.989	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	401225	45.750	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	404351	44.728	ug/l	96
89) n-Butylbenzene	13.59	91	2907289	216.437	ug/l #	73
90) Hexachloroethane	13.86	117	813689	256.688	ug/l #	32
91) 1,2-Dichlorobenzene	13.63	146	410642	48.286	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.24	75	126100	117.587	ug/l #	49

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062152.D
Acq On : 26 Jun 2020 20:15
Operator : JC/MD
Sample : L3020-19MSD
Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MSD

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:44 PM

Quant Time: Jun 27 06:20:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	272073	73.233	ug/l #	30
94) Hexachlorobutadiene	14.99	225	107189	66.428	ug/l	99
95) Naphthalene	15.10	128	5980501	448.219	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.28	180	258734	68.110	ug/l #	84

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

