

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060147.D
 Acq On : 19 Feb 2020 11:53
 Operator : JC/MD
 Sample : VN0219MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 11:48:30 AM

Quant Time: Feb 20 02:51:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	295342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	273864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110854	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.56	113	86065	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.08	98	332976	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.40	95	120655	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34670	18.869	ug/l	100
3) Chloromethane	2.04	50	41311	18.892	ug/l	98
4) Vinyl Chloride	2.17	62	46259	18.560	ug/l	100
5) Bromomethane	2.55	94	28454	18.618	ug/l	99
6) Chloroethane	2.69	64	23351	18.523	ug/l	97
7) Trichlorofluoromethane	3.00	101	59412	18.489	ug/l	99
8) Diethyl Ether	3.39	74	21621	20.213	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34104	19.116	ug/l	100
10) Methyl Iodide	3.93	142	44233	20.019	ug/l	100
11) Tert butyl alcohol	4.73	59	33099	98.882	ug/l	99
12) 1,1-Dichloroethene	3.72	96	32739	18.837	ug/l	97
13) Acrolein	3.58	56	22200	67.097	ug/l	95
14) Allyl chloride	4.29	41	48496	18.958	ug/l	95
15) Acrylonitrile	4.94	53	82629	101.080	ug/l	99
16) Acetone	3.78	43	84746	86.856	ug/l	100
17) Carbon Disulfide	4.03	76	92449	17.648	ug/l	99
18) Methyl Acetate	4.29	43	38179	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	115426	19.749	ug/l	97
20) Methylene Chloride	4.52	84	37542	19.286	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	35661	18.823	ug/l	99
22) Diisopropyl ether	5.91	45	110673	19.741	ug/l	98
23) Vinyl Acetate	5.86	43	461667	98.061	ug/l	100
24) 1,1-Dichloroethane	5.81	63	65294	19.226	ug/l	99
25) 2-Butanone	6.80	43	113546	92.531	ug/l	95
26) 2,2-Dichloropropane	6.79	77	59597	18.475	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	42281	19.069	ug/l	98
28) Bromochloromethane	7.16	49	25499	19.098	ug/l #	9
29) Tetrahydrofuran	7.18	42	73350	97.435	ug/l	99
30) Chloroform	7.35	83	68395	19.225	ug/l	99
31) Cyclohexane	7.63	56	58968	18.639	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	60772	18.693	ug/l	99
36) 1,1-Dichloropropene	7.77	75	49470	18.084	ug/l	99
37) Ethyl Acetate	6.90	43	45840	18.541	ug/l	99
38) Carbon Tetrachloride	7.75	117	53246	17.922	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060147.D
 Acq On : 19 Feb 2020 11:53
 Operator : JC/MD
 Sample : VN0219MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0219MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 11:48:30 AM

Quant Time: Feb 20 02:51:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	60789	17.901	ug/l	98
40) Benzene	8.02	78	150162	18.505	ug/l	98
41) Methacrylonitrile	7.15	41	19399m	18.710	ug/l	
42) 1,2-Dichloroethane	8.10	62	54814	19.273	ug/l	98
43) Isopropyl Acetate	8.14	43	81621	19.313	ug/l #	91
44) Trichloroethene	8.82	130	41043	18.266	ug/l	97
45) 1,2-Dichloropropane	9.10	63	38603	19.215	ug/l	99
46) Dibromomethane	9.19	93	27207	19.164	ug/l	98
47) Bromodichloromethane	9.38	83	54316	18.818	ug/l	97
48) Methyl methacrylate	9.18	41	35079	18.500	ug/l	99
49) 1,4-Dioxane	9.17	88	13393	413.389	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	233074	95.279	ug/l	100
52) Toluene	10.14	92	96078	18.463	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	61410	18.849	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	63966	18.645	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	38952	19.187	ug/l	99
56) Ethyl methacrylate	10.42	69	53537	18.642	ug/l	99
57) 1,3-Dichloropropane	10.70	76	62382	18.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	128890	96.338	ug/l	99
59) 2-Hexanone	10.74	43	173458	91.794	ug/l	99
60) Dibromochloromethane	10.89	129	43487	18.667	ug/l	100
61) 1,2-Dibromoethane	10.99	107	39492	18.557	ug/l	97
64) Tetrachloroethene	10.62	164	38736	18.606	ug/l	99
65) Chlorobenzene	11.43	112	103158	18.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40268	19.078	ug/l	99
67) Ethyl Benzene	11.50	91	185843	18.468	ug/l	99
68) m/p-Xylenes	11.62	106	139624	36.968	ug/l	98
69) o-Xylene	11.94	106	67560	18.578	ug/l	99
70) Styrene	11.96	104	105896	18.058	ug/l	100
71) Bromoform	12.12	173	30472	17.949	ug/l #	99
73) Isopropylbenzene	12.24	105	181737	18.751	ug/l	99
74) N-amyl acetate	12.07	43	67994	19.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55465	19.881	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	49858m	20.078	ug/l	
77) Bromobenzene	12.52	156	45234	18.806	ug/l	98
78) n-propylbenzene	12.59	91	205714	18.629	ug/l	99
79) 2-Chlorotoluene	12.67	91	120619	18.584	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	151637	18.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18776	18.513	ug/l	97
82) 4-Chlorotoluene	12.77	91	123926	18.610	ug/l	99
83) tert-Butylbenzene	12.99	119	129689	18.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	151438	19.037	ug/l	100
85) sec-Butylbenzene	13.17	105	173694	18.397	ug/l	100
86) p-Isopropyltoluene	13.28	119	157774	18.444	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	80365	18.875	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78442	18.427	ug/l	98
89) n-Butylbenzene	13.61	91	137986	18.340	ug/l	99
90) Hexachloroethane	13.87	117	28882	18.073	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	78280	18.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11584	19.051	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
Data File : VN060147.D
Acq On : 19 Feb 2020 11:53
Operator : JC/MD
Sample : VN0219MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0219MBS01

Manual Integrations
APPROVED

MMDadoda
2/21/2020 11:48:30 AM

Quant Time: Feb 20 02:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45902	18.749	ug/l	99
94) Hexachlorobutadiene	15.01	225	26364	18.394	ug/l	99
95) Naphthalene	15.13	128	123196	18.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45106	18.500	ug/l	98

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

