

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053009.D
 Acq On : 19 Dec 2018 14:23
 Operator : MD\SY
 Sample : VN1219MBS01
 Misc : 5.00uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 9:34:52 AM

Quant Time: Dec 20 06:27:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1064289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1643177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1449373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	593064	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
35) Dibromofluoromethane	7.59	113	449825	59.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.86%	
50) Toluene-d8	10.09	98	2148922	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.40	95	732166	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	209255	19.427	ug/l	100
3) Chloromethane	2.06	50	259267	19.863	ug/l	100
4) Vinyl Chloride	2.19	62	263258	19.915	ug/l	99
5) Bromomethane	2.58	94	167276	18.264	ug/l	100
6) Chloroethane	2.71	64	154813	19.774	ug/l	97
7) Trichlorofluoromethane	3.03	101	327330	19.877	ug/l	97
8) Diethyl Ether	3.42	74	126998	20.442	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	204693	19.495	ug/l	98
10) Methyl Iodide	3.96	142	288641	19.575	ug/l	98
11) Tert butyl alcohol	4.78	59	67790	102.867	ug/l	98
12) 1,1-Dichloroethene	3.74	96	200180	19.734	ug/l	98
13) Acrolein	3.61	56	72946	122.076	ug/l	97
14) Allyl chloride	4.33	41	325127	20.692	ug/l	96
15) Acrylonitrile	4.99	53	372145	101.648	ug/l	99
16) Acetone	3.82	43	233156	110.102	ug/l	97
17) Carbon Disulfide	4.06	76	576546	17.428	ug/l	100
18) Methyl Acetate	4.33	43	188830	20.249	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	559354	20.605	ug/l	100
20) Methylene Chloride	4.55	84	229727	19.887	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	215643	19.786	ug/l	97
22) Diisopropyl ether	5.95	45	696803	20.776	ug/l	99
23) Vinyl Acetate	5.90	43	2025255	105.011	ug/l	99
24) 1,1-Dichloroethane	5.85	63	405047	20.324	ug/l	99
25) 2-Butanone	6.83	43	389893	109.708	ug/l	96
26) 2,2-Dichloropropane	6.83	77	269958	17.744	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	248113	20.108	ug/l	98
28) Bromochloromethane	7.19	49	190383	22.045	ug/l	96
29) Tetrahydrofuran	7.21	42	280621	105.723	ug/l	99
30) Chloroform	7.37	83	396353	20.245	ug/l	99
31) Cyclohexane	7.66	56	384064	19.915	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	327081	19.611	ug/l	100
36) 1,1-Dichloropropene	7.79	75	303748	19.259	ug/l	100
37) Ethyl Acetate	6.93	43	189792	21.556	ug/l	98
38) Carbon Tetrachloride	7.77	117	279054	19.303	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	357077	18.637	ug/l	100
40) Benzene	8.04	78	935444	19.940	ug/l	100
41) Methacrylonitrile	7.17	41	100786	19.812	ug/l	98
42) 1,2-Dichloroethane	8.12	62	277636	20.033	ug/l	99
43) Isopropyl Acetate	8.16	43	355802	20.261	ug/l	99
44) Trichloroethene	8.83	130	263318	19.406	ug/l	98
45) 1,2-Dichloropropane	9.12	63	248039	20.299	ug/l	100
46) Dibromomethane	9.21	93	141932	19.939	ug/l	99
47) Bromodichloromethane	9.40	83	293996	19.430	ug/l	98
48) Methyl methacrylate	9.20	41	173474	20.304	ug/l	99
49) 1,4-Dioxane	9.20	88	43283	400.497	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	907819	106.471	ug/l	99
52) Toluene	10.16	92	575206	19.782	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	291211	18.302	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	350697	19.202	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	204245	20.134	ug/l	97
56) Ethyl methacrylate	10.43	69	269614	20.080	ug/l	97
57) 1,3-Dichloropropane	10.71	76	354338	20.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	781624	106.036	ug/l	99
59) 2-Hexanone	10.75	43	601624	104.288	ug/l	99
60) Dibromochloromethane	10.90	129	221756	19.097	ug/l	99
61) 1,2-Dibromoethane	11.01	107	203691	19.771	ug/l	100
64) Tetrachloroethene	10.63	164	299270	19.062	ug/l	99
65) Chlorobenzene	11.43	112	627880	19.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	215739	19.310	ug/l	99
67) Ethyl Benzene	11.51	91	1078304	19.516	ug/l	100
68) m/p-Xylenes	11.62	106	822585	39.162	ug/l	100
69) o-Xylene	11.95	106	399857	19.838	ug/l	100
70) Styrene	11.96	104	646229	19.663	ug/l	99
71) Bromoform	12.13	173	146894	18.200	ug/l	100
73) Isopropylbenzene	12.25	105	1054701	20.501	ug/l	100
74) N-amyl acetate	12.07	43	296570	20.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	218831	21.682	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	199348m	18.010	ug/l	
77) Bromobenzene	12.53	156	274613	20.535	ug/l	97
78) n-propylbenzene	12.59	91	1176871	20.086	ug/l	99
79) 2-Chlorotoluene	12.67	91	706139	19.443	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	838487	19.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	62695	18.256	ug/l	97
82) 4-Chlorotoluene	12.77	91	704537	19.817	ug/l	99
83) tert-Butylbenzene	12.99	119	746170	20.120	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	848222	20.122	ug/l	100
85) sec-Butylbenzene	13.17	105	971981	19.377	ug/l	100
86) p-Isopropyltoluene	13.29	119	842359	19.434	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	462508	19.541	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	451734	18.847	ug/l	99
89) n-Butylbenzene	13.62	91	670167	17.972	ug/l	99
90) Hexachloroethane	13.88	117	118233	17.775	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	437630	19.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33641	19.277	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	213249	18.450	ug/l	100
94) Hexachlorobutadiene	15.01	225	126861	18.979	ug/l	98
95) Naphthalene	15.13	128	465526	18.741	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	196444	18.804	ug/l	99

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

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