

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054554.D
 Acq On : 22 Mar 2019 13:30
 Operator : JC/SP
 Sample : VN0322MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 3:11:01 PM

Quant Time: Mar 23 03:34:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	461633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	780683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	670324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	283735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	311426	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	7.59	113	244986	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	921638	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	308105	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	100812	22.844	ug/l	99
3) Chloromethane	2.06	50	130648	21.759	ug/l	98
4) Vinyl Chloride	2.19	62	119747	19.864	ug/l	100
5) Bromomethane	2.58	94	69068	17.718	ug/l	98
6) Chloroethane	2.71	64	66022	18.259	ug/l	99
7) Trichlorofluoromethane	3.02	101	145566	19.883	ug/l	99
8) Diethyl Ether	3.41	74	52805	18.754	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.75	101	81555	18.955	ug/l	94
10) Methyl Iodide	3.94	142	110348	17.435	ug/l	91
11) Tert butyl alcohol	4.82	59	40242	115.760	ug/l	99
12) 1,1-Dichloroethene	3.73	96	77462	17.397	ug/l #	77
13) Acrolein	3.61	56	46199	96.301	ug/l	97
14) Allyl chloride	4.32	41	179778	21.442	ug/l #	91
15) Acrylonitrile	5.00	53	209400	120.958	ug/l	99
16) Acetone	3.82	43	168803	97.781	ug/l #	82
17) Carbon Disulfide	4.04	76	203286	17.039	ug/l	99
18) Methyl Acetate	4.33	43	94854	24.651	ug/l	91
19) Methyl tert-butyl Ether	5.06	73	294986	22.701	ug/l	92
20) Methylene Chloride	4.55	84	110671	21.748	ug/l #	81
21) trans-1,2-Dichloroethene	5.03	96	99326	21.846	ug/l	87
22) Diisopropyl ether	5.96	45	385355	23.301	ug/l #	95
23) Vinyl Acetate	5.90	43	1360798	116.501	ug/l #	94
24) 1,1-Dichloroethane	5.85	63	202325	22.721	ug/l	98
25) 2-Butanone	6.85	43	264619	119.660	ug/l #	89
26) 2,2-Dichloropropane	6.82	77	126872	19.987	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	113175	20.869	ug/l	86
28) Bromochloromethane	7.19	49	98912	22.566	ug/l #	73
29) Tetrahydrofuran	7.22	42	176833	123.223	ug/l #	85
30) Chloroform	7.37	83	191973	22.091	ug/l	100
31) Cyclohexane	7.65	56	195704	21.892	ug/l	89
32) 1,1,1-Trichloroethane	7.57	97	154481	21.547	ug/l	96
36) 1,1-Dichloropropene	7.79	75	148945	20.405	ug/l	94
37) Ethyl Acetate	6.94	43	115432	22.234	ug/l	96
38) Carbon Tetrachloride	7.77	117	127551	17.982	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	165320	19.799	ug/l	89
40) Benzene	8.04	78	431081	20.652	ug/l	99
41) Methacrylonitrile	7.18	41	63192	19.959	ug/l	91
42) 1,2-Dichloroethane	8.13	62	156787	20.626	ug/l	97
43) Isopropyl Acetate	8.17	43	190350	21.710	ug/l #	94
44) Trichloroethene	8.83	130	112584	19.400	ug/l	95
45) 1,2-Dichloropropane	9.12	63	123693	22.069	ug/l	99
46) Dibromomethane	9.21	93	69903	20.906	ug/l	90
47) Bromodichloromethane	9.40	83	137571	19.824	ug/l	98
48) Methyl methacrylate	9.20	41	104285	21.914	ug/l #	86
49) 1,4-Dioxane	9.20	88	22708	426.829	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	562040	115.665	ug/l	94
52) Toluene	10.16	92	256587	19.987	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	122527	18.223	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	159336	20.025	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	96166	20.839	ug/l	97
56) Ethyl methacrylate	10.43	69	134946	21.787	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	170895	21.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	261183	102.403	ug/l	90
59) 2-Hexanone	10.75	43	356225	112.233	ug/l	91
60) Dibromochloromethane	10.90	129	91975	18.730	ug/l	100
61) 1,2-Dibromoethane	11.00	107	95086	20.842	ug/l	100
64) Tetrachloroethene	10.63	164	109108	19.624	ug/l	93
65) Chlorobenzene	11.43	112	268690	19.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	98068	20.040	ug/l	99
67) Ethyl Benzene	11.51	91	491869	20.424	ug/l	99
68) m/p-Xylenes	11.62	106	361396	39.618	ug/l	95
69) o-Xylene	11.95	106	180898	20.306	ug/l	99
70) Styrene	11.96	104	290498	20.080	ug/l	96
71) Bromoform	12.13	173	53054	17.248	ug/l #	98
73) Isopropylbenzene	12.25	105	470099	20.561	ug/l	100
74) N-amyl acetate	12.07	43	152920	23.261	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	119196	22.838	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	98289m	21.830	ug/l	
77) Bromobenzene	12.53	156	113196	19.962	ug/l	86
78) n-propylbenzene	12.59	91	515952	20.811	ug/l	96
79) 2-Chlorotoluene	12.67	91	314553	20.345	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	390433	20.835	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20186	17.647	ug/l #	73
82) 4-Chlorotoluene	12.77	91	307762	20.536	ug/l	95
83) tert-Butylbenzene	12.99	119	336832	20.650	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	374042	20.343	ug/l	99
85) sec-Butylbenzene	13.17	105	422913	20.799	ug/l	98
86) p-Isopropyltoluene	13.29	119	379923	20.885	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	184836	19.670	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	177226	19.384	ug/l	96
89) n-Butylbenzene	13.61	91	301642	21.206	ug/l	99
90) Hexachloroethane	13.87	117	51552	18.257	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	188314	20.690	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16081	21.006	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	94698	20.871	ug/l	99
94) Hexachlorobutadiene	15.01	225	59959	22.139	ug/l	99
95) Naphthalene	15.13	128	224096	22.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	97327	21.552	ug/l	99

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

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