

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049474.D
 Acq On : 21 Jun 2018 17:53
 Operator : MD\SY
 Sample : VN0621MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:57:58 PM

Quant Time: Jun 22 04:34:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1400807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2106155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1909096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	907516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	885298	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	7.59	113	791943	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.09	98	2904021	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.40	95	976839	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	303484	18.82	ug/l	97
3) Chloromethane	2.06	50	389565	18.71	ug/l	99
4) Vinyl Chloride	2.18	62	415511	18.78	ug/l	99
5) Bromomethane	2.56	94	204986	17.62	ug/l	100
6) Chloroethane	2.70	64	260807	19.77	ug/l	98
7) Trichlorofluoromethane	3.01	101	539721	19.55	ug/l	99
8) Diethyl Ether	3.41	74	193646	20.09	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	328766	18.78	ug/l	92
10) Methyl Iodide	3.95	142	366981	20.14	ug/l	92
11) Tert butyl alcohol	4.80	59	115938	106.32	ug/l	100
12) 1,1-Dichloroethene	3.73	96	302678	18.84	ug/l	90
13) Acrolein	3.61	56	119847	104.80	ug/l	98
14) Allyl chloride	4.32	41	494047	19.48	ug/l	89
15) Acrylonitrile	4.99	53	579437	106.27	ug/l	98
16) Acetone	3.82	43	518933	115.03	ug/l	92
17) Carbon Disulfide	4.05	76	867086	17.22	ug/l	99
18) Methyl Acetate	4.33	43	322349	23.44	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	841269	20.54	ug/l	99
20) Methylene Chloride	4.55	84	364722	19.36	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	320341	18.84	ug/l	95
22) Diisopropyl ether	5.96	45	1033610	20.41	ug/l	97
23) Vinyl Acetate	5.90	43	3341368	101.21	ug/l	96
24) 1,1-Dichloroethane	5.85	63	624393	19.26	ug/l	99
25) 2-Butanone	6.84	43	675788	111.56	ug/l	95
26) 2,2-Dichloropropane	6.83	77	516932	19.75	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	365268	19.32	ug/l	93
28) Bromochloromethane	7.20	49	255043	17.75	ug/l	88
29) Tetrahydrofuran	7.22	42	418840	107.42	ug/l	93
30) Chloroform	7.37	83	631959	19.59	ug/l	100
31) Cyclohexane	7.65	56	524822	18.99	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	538140	19.55	ug/l	97
36) 1,1-Dichloropropene	7.80	75	459904	19.05	ug/l	97
37) Ethyl Acetate	6.93	43	291527	22.22	ug/l	98
38) Carbon Tetrachloride	7.78	117	476724	19.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	466901	18.02	µg/l	99
40) Benzene	8.04	78	1428267	19.30	µg/l	99
41) Methacrylonitrile	7.18	41	146888	20.71	µg/l #	100
42) 1,2-Dichloroethane	8.13	62	458261	20.04	µg/l	97
43) Isopropyl Acetate	8.17	43	555015	22.14	µg/l	98
44) Trichloroethene	8.84	130	388308	19.87	µg/l	95
45) 1,2-Dichloropropane	9.12	63	381433	19.69	µg/l	99
46) Dibromomethane	9.21	93	220721	19.65	µg/l	91
47) Bromodichloromethane	9.41	83	477091	19.32	µg/l	95
48) Methyl methacrylate	9.20	41	254291	21.54	µg/l	87
49) 1,4-Dioxane	9.21	88	72144	442.71	µg/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	1458764	111.01	µg/l	96
52) Toluene	10.16	92	872714	20.09	µg/l	98
53) t-1,3-Dichloropropene	10.38	75	452566	19.16	µg/l	99
54) cis-1,3-Dichloropropene	9.84	75	539583	19.35	µg/l	90
55) 1,1,2-Trichloroethane	10.56	97	322931	19.94	µg/l	97
56) Ethyl methacrylate	10.43	69	388808	20.81	µg/l #	88
57) 1,3-Dichloropropane	10.71	76	536566	20.00	µg/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	451940	78.12	µg/l	96
59) 2-Hexanone	10.75	43	948851	112.00	µg/l	93
60) Dibromochloromethane	10.90	129	354353	19.61	µg/l	99
61) 1,2-Dibromoethane	11.01	107	309334	20.55	µg/l	99
64) Tetrachloroethene	10.63	164	435908	22.28	µg/l	96
65) Chlorobenzene	11.44	112	944713	19.21	µg/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	354209	19.14	µg/l	99
67) Ethyl Benzene	11.51	91	1600253	19.62	µg/l	98
68) m/p-Xylenes	11.62	106	1225490	40.03	µg/l	98
69) o-Xylene	11.95	106	591817	20.07	µg/l	96
70) Styrene	11.97	104	948723	20.39	µg/l	97
71) Bromoform	12.13	173	240861	20.11	µg/l	100
73) Isopropylbenzene	12.25	105	1569137	19.69	µg/l	98
74) N-amyl acetate	12.07	43	404370	20.72	µg/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	359508	20.61	µg/l	99
76) 1,2,3-Trichloropropane	12.55	75	323117m	20.87	µg/l	
77) Bromobenzene	12.53	156	409221	19.44	µg/l	88
78) n-propylbenzene	12.59	91	1747110	19.97	µg/l	99
79) 2-Chlorotoluene	12.68	91	1066711	19.24	µg/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1273521	20.33	µg/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	96927	19.78	µg/l	95
82) 4-Chlorotoluene	12.78	91	1060728	19.83	µg/l	98
83) tert-Butylbenzene	13.00	119	1089876	19.64	µg/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1271129	20.43	µg/l	99
85) sec-Butylbenzene	13.17	105	1445065	19.57	µg/l	99
86) p-Isopropyltoluene	13.29	119	1211548	19.64	µg/l	98
87) 1,3-Dichlorobenzene	13.28	146	662494	19.13	µg/l	98
88) 1,4-Dichlorobenzene	13.37	146	637094	18.56	µg/l	100
89) n-Butylbenzene	13.62	91	900284	18.68	µg/l	98
90) Hexachloroethane	13.88	117	242035	19.70	µg/l	89
91) 1,2-Dichlorobenzene	13.66	146	659179	19.41	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56826	20.48	µg/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216796	17.35	ug/l	99
94) Hexachlorobutadiene	15.01	225	209222	19.40	ug/l	98
95) Naphthalene	15.14	128	480774	20.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	242726	18.31	ug/l	100

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

