

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003249.D
 Acq On : 09 Jul 2018 16:57
 Operator : JC/MD
 Sample : VX0709MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:48 PM

Quant Time: Jul 10 01:09:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	204687	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	168822	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.72	98	619133	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	225198	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78966	20.18	ug/l	99
3) Chloromethane	1.32	50	68674	19.30	ug/l	95
4) Vinyl Chloride	1.40	62	68708	18.81	ug/l	100
5) Bromomethane	1.64	94	31171	29.32	ug/l	100
6) Chloroethane	1.72	64	40359	19.95	ug/l	98
7) Trichlorofluoromethane	1.93	101	105632	19.46	ug/l	98
8) Diethyl Ether	2.19	74	37457	19.09	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	60242	18.95	ug/l	94
10) Methyl Iodide	2.51	142	46085	17.30	ug/l	96
11) Tert butyl alcohol	3.08	59	76755	104.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55189	19.08	ug/l	91
13) Acrolein	2.29	56	54898	92.76	ug/l	99
14) Allyl chloride	2.73	41	103070	19.24	ug/l	94
15) Acrylonitrile	3.15	53	163351	99.61	ug/l	99
16) Acetone	2.45	43	142751	99.26	ug/l	98
17) Carbon Disulfide	2.57	76	145697	18.13	ug/l	100
18) Methyl Acetate	2.78	43	85036	20.96	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	184921	19.14	ug/l	98
20) Methylene Chloride	2.86	84	60962	20.26	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	59504	19.30	ug/l	96
22) Diisopropyl ether	3.88	45	194126	17.81	ug/l	98
23) Vinyl Acetate	3.83	43	843354	91.13	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108553	19.13	ug/l	98
25) 2-Butanone	4.71	43	254238	99.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	88636	17.86	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	70582	18.63	ug/l	98
28) Bromochloromethane	5.03	49	55533	19.43	ug/l	88
29) Tetrahydrofuran	5.17	42	162180	98.19	ug/l	96
30) Chloroform	5.22	83	119038	19.07	ug/l	98
31) Cyclohexane	5.57	56	101872	19.18	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	106882	19.41	ug/l	97
36) 1,1-Dichloropropene	5.80	75	86957	18.71	ug/l	99
37) Ethyl Acetate	4.87	43	95734	18.79	ug/l	98
38) Carbon Tetrachloride	5.79	117	93288	18.35	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101017	18.45	ug/l	98
40) Benzene	6.15	78	262766	19.08	ug/l	98
41) Methacrylonitrile	5.07	41	53757	19.27	ug/l	95
42) 1,2-Dichloroethane	6.20	62	95741	18.60	ug/l	98
43) Isopropyl Acetate	6.47	43	149743	18.71	ug/l	97
44) Trichloroethene	7.22	130	75996	18.66	ug/l	95
45) 1,2-Dichloropropane	7.52	63	64711	18.07	ug/l	98
46) Dibromomethane	7.67	93	45067	18.46	ug/l	92
47) Bromodichloromethane	7.90	83	81595	18.12	ug/l	95
48) Methyl methacrylate	7.78	41	77815	18.96	ug/l	94
49) 1,4-Dioxane	7.76	88	32643	380.43	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	492760	98.92	ug/l	97
52) Toluene	8.79	92	165518	19.01	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	97475	18.39	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	88357	18.32	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66774	18.49	ug/l	97
56) Ethyl methacrylate	9.18	69	93011	18.80	ug/l	92
57) 1,3-Dichloropropane	9.38	76	109157	18.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	248871	104.28	ug/l	97
59) 2-Hexanone	9.50	43	373063	98.60	ug/l	95
60) Dibromochloromethane	9.59	129	67865	17.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	71675	18.93	ug/l	100
64) Tetrachloroethene	9.34	164	85638	19.09	ug/l	97
65) Chlorobenzene	10.14	112	188888	18.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	68848	18.93	ug/l	100
67) Ethyl Benzene	10.26	91	309349	18.97	ug/l	98
68) m/p-Xylenes	10.36	106	243934	38.46	ug/l	98
69) o-Xylene	10.70	106	118156	19.23	ug/l	97
70) Styrene	10.71	104	190948	19.16	ug/l	98
71) Bromoform	10.86	173	52762	17.63	ug/l	98
73) Isopropylbenzene	11.02	105	321955	19.61	ug/l	100
74) N-amyl acetate	6.47	43	149743	19.12	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	98844	19.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96586m	21.50	ug/l	
77) Bromobenzene	11.26	156	90620	19.12	ug/l	96
78) n-propylbenzene	11.37	91	357230	19.57	ug/l	98
79) 2-Chlorotoluene	11.43	91	215148	19.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268822	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24634	17.92	ug/l	99
82) 4-Chlorotoluene	11.51	91	249527	19.22	ug/l	97
83) tert-Butylbenzene	11.77	119	265330	19.43	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	276397	19.75	ug/l	99
85) sec-Butylbenzene	11.95	105	315409	19.55	ug/l	98
86) p-Isopropyltoluene	12.07	119	284583	19.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	162622	18.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	164989	18.75	ug/l	99
89) n-Butylbenzene	12.39	91	232521	18.93	ug/l	99
90) Hexachloroethane	12.60	117	39498	17.60	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	162789	18.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20178	18.47	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121998	19.20	ug/l	99
94) Hexachlorobutadiene	13.79	225	60687	19.19	ug/l	98
95) Naphthalene	13.84	128	339653	20.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123884	19.55	ug/l	100

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

