

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110518\
 Data File : VX005774.D
 Acq On : 05 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1105MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105MBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:26:54 AM

Quant Time: Nov 06 01:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	230685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	101764	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	80536	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	288750	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	104860	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35822	20.660	ug/l	100
3) Chloromethane	1.32	50	40139	19.627	ug/l	100
4) Vinyl Chloride	1.40	62	41274	19.398	ug/l	98
5) Bromomethane	1.64	94	35516	13.452	ug/l	100
6) Chloroethane	1.72	64	26749	21.442	ug/l	96
7) Trichlorofluoromethane	1.93	101	52433	19.198	ug/l	89
8) Diethyl Ether	2.19	74	22832	18.599	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31351	18.898	ug/l	91
10) Methyl Iodide	2.51	142	30511	20.102	ug/l	97
11) Tert butyl alcohol	3.06	59	54992	92.280	ug/l	98
12) 1,1-Dichloroethene	2.37	96	29735	18.394	ug/l	99
13) Acrolein	2.29	56	28446	75.647	ug/l	100
14) Allyl chloride	2.73	41	63643	19.040	ug/l	98
15) Acrylonitrile	3.15	53	122725	93.653	ug/l	100
16) Acetone	2.45	43	109634	91.249	ug/l	92
17) Carbon Disulfide	2.57	76	85721	17.256	ug/l	99
18) Methyl Acetate	2.78	43	58244	18.495	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	106873	19.099	ug/l	99
20) Methylene Chloride	2.85	84	33815	17.870	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	31002	18.124	ug/l	91
22) Diisopropyl ether	3.87	45	110608	17.838	ug/l #	94
23) Vinyl Acetate	3.82	43	482320	89.304	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62495	17.824	ug/l	100
25) 2-Butanone	4.70	43	163645	88.406	ug/l	96
26) 2,2-Dichloropropane	4.59	77	48233	18.403	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34376	17.885	ug/l	95
28) Bromochloromethane	5.02	49	33660	19.678	ug/l	93
29) Tetrahydrofuran	5.15	42	100350	88.820	ug/l	95
30) Chloroform	5.21	83	63441	18.507	ug/l	90
31) Cyclohexane	5.57	56	49574	16.908	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	50344	18.350	ug/l	97
36) 1,1-Dichloropropene	5.79	75	43232	17.590	ug/l	99
37) Ethyl Acetate	4.85	43	59031	18.826	ug/l	98
38) Carbon Tetrachloride	5.78	117	41266	18.584	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45224	17.643	ug/l	96
40) Benzene	6.15	78	136188	18.626	ug/l	97
41) Methacrylonitrile	5.06	41	30426	17.959	ug/l	93
42) 1,2-Dichloroethane	6.20	62	49814	18.431	ug/l	99
43) Isopropyl Acetate	6.46	43	82794	18.192	ug/l	98
44) Trichloroethene	7.21	130	31685	18.736	ug/l	92
45) 1,2-Dichloropropane	7.51	63	36458	19.457	ug/l	96
46) Dibromomethane	7.66	93	21935	18.317	ug/l	91
47) Bromodichloromethane	7.90	83	41821	18.619	ug/l	97
48) Methyl methacrylate	7.77	41	39754	18.048	ug/l	96
49) 1,4-Dioxane	7.75	88	17908	365.105	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	285756	92.084	ug/l	97
52) Toluene	8.79	92	76389	19.315	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44349	18.219	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	49779	19.087	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	33345	19.414	ug/l	99
56) Ethyl methacrylate	9.18	69	46348	17.582	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56244	19.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	143630	93.489	ug/l	95
59) 2-Hexanone	9.49	43	228018	90.290	ug/l	98
60) Dibromochloromethane	9.59	129	31146	18.766	ug/l	98
61) 1,2-Dibromoethane	9.67	107	32986	18.847	ug/l	99
64) Tetrachloroethene	9.34	164	31377	20.272	ug/l	97
65) Chlorobenzene	10.14	112	83802	18.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	29363	19.052	ug/l	97
67) Ethyl Benzene	10.25	91	142637	18.564	ug/l	98
68) m/p-Xylenes	10.36	106	108933	38.154	ug/l	97
69) o-Xylene	10.70	106	50788	18.599	ug/l	97
70) Styrene	10.71	104	86275	19.023	ug/l	98
71) Bromoform	10.86	173	23107	18.504	ug/l #	98
73) Isopropylbenzene	11.02	105	141134	19.040	ug/l	99
74) N-amyl acetate	10.90	43	67769	17.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	54896	17.851	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52288m	18.686	ug/l	
77) Bromobenzene	11.26	156	34825	18.939	ug/l	89
78) n-propylbenzene	11.36	91	171912	19.065	ug/l	96
79) 2-Chlorotoluene	11.42	91	101764	18.896	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	120578	19.158	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15634	18.051	ug/l	97
82) 4-Chlorotoluene	11.51	91	120148	18.687	ug/l	97
83) tert-Butylbenzene	11.77	119	111262	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	123298	19.401	ug/l	99
85) sec-Butylbenzene	11.94	105	144222	18.722	ug/l	98
86) p-Isopropyltoluene	12.07	119	124379	18.985	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	66013	18.567	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67932	17.786	ug/l	97
89) n-Butylbenzene	12.39	91	116830	17.675	ug/l	98
90) Hexachloroethane	12.60	117	20517	17.652	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	67042	18.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12549	17.398	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44157	18.536	ug/l	99
94) Hexachlorobutadiene	13.78	225	21884	18.989	ug/l	97
95) Naphthalene	13.83	128	145416	18.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46491	19.169	ug/l	99

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

