

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001053.D
 Acq On : 23 Apr 2018 12:55
 Operator : JC/MD
 Sample : VX0423MBS01
 Misc : 5.00µ/5.0mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBS01

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:46 PM

Quant Time: Apr 24 07:20:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134622	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	109366	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.72	98	393536	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.14	95	162150	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	57539	20.99	ug/l	98
3) Chloromethane	1.32	50	49289	19.31	ug/l	98
4) Vinyl Chloride	1.40	62	51169	19.34	ug/l	99
5) Bromomethane	1.65	94	35514	21.07	ug/l	98
6) Chloroethane	1.73	64	31160	19.82	ug/l	100
7) Trichlorofluoromethane	1.93	101	77890	19.60	ug/l	98
8) Diethyl Ether	2.19	74	28867	19.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45307	19.45	ug/l	98
10) Methyl Iodide	2.52	142	30479	18.85	ug/l	99
11) Tert butyl alcohol	3.07	59	46406	109.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	42684	19.82	ug/l	98
13) Acrolein	2.30	56	18675	146.58	ug/l	100
14) Allyl chloride	2.73	41	76724	19.69	ug/l	100
15) Acrylonitrile	3.15	53	114602	100.21	ug/l	99
16) Acetone	2.45	43	114669	108.68	ug/l	99
17) Carbon Disulfide	2.57	76	110458	18.00	ug/l	98
18) Methyl Acetate	2.78	43	72238	22.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	147387	20.36	ug/l	100
20) Methylene Chloride	2.86	84	47002	20.22	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45496	18.98	ug/l	98
22) Diisopropyl ether	3.88	45	151880	20.13	ug/l	99
23) Vinyl Acetate	3.83	43	625639	100.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	83311	19.69	ug/l	99
25) 2-Butanone	4.71	43	171627	104.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	72091	19.80	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	53150	19.90	ug/l	97
28) Bromochloromethane	5.03	49	34304	21.08	ug/l	96
29) Tetrahydrofuran	5.17	42	106269	102.10	ug/l	99
30) Chloroform	5.23	83	87141	19.88	ug/l	99
31) Cyclohexane	5.58	56	74840	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	77735	19.78	ug/l	98
36) 1,1-Dichloropropene	5.81	75	65848	18.73	ug/l	99
37) Ethyl Acetate	4.87	43	64446	19.98	ug/l	99
38) Carbon Tetrachloride	5.79	117	68754	19.31	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	75047	18.34	ug/l	98
40) Benzene	6.15	78	188471	19.28	ug/l	99
41) Methacrylonitrile	5.07	41	39068	19.40	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74640	19.89	ug/l	99
43) Isopropyl Acetate	6.47	43	110323	19.94	ug/l	99
44) Trichloroethene	7.22	130	58421	19.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	49110	19.98	ug/l	99
46) Dibromomethane	7.67	93	33643	19.59	ug/l	99
47) Bromodichloromethane	7.91	83	63132	19.84	ug/l	99
48) Methyl methacrylate	7.79	41	57732	19.38	ug/l	97
49) 1,4-Dioxane	7.76	88	18639	425.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	345603	102.86	ug/l	98
52) Toluene	8.79	92	124152	19.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	75556	19.86	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	72027	20.07	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	50035	19.73	ug/l	99
56) Ethyl methacrylate	9.19	69	74157	19.91	ug/l	98
57) 1,3-Dichloropropane	9.38	76	82630	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	182665	100.48	ug/l	99
59) 2-Hexanone	9.51	43	264909	103.01	ug/l	99
60) Dibromochloromethane	9.59	129	52435	19.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	52898	19.77	ug/l	100
64) Tetrachloroethene	9.34	164	58434	19.19	ug/l	98
65) Chlorobenzene	10.15	112	146431	19.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52662	20.10	ug/l	99
67) Ethyl Benzene	10.26	91	242441	19.12	ug/l	99
68) m/p-Xylenes	10.37	106	190946	38.21	ug/l	98
69) o-Xylene	10.71	106	92851	19.27	ug/l	99
70) Styrene	10.72	104	154022	19.41	ug/l	99
71) Bromoform	10.87	173	41349	18.75	ug/l #	100
73) Isopropylbenzene	11.02	105	250667	19.31	ug/l	99
74) N-amyl acetate	6.47	43	110323	19.87	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73641	20.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70804m	20.55	ug/l	
77) Bromobenzene	11.26	156	72423	19.22	ug/l	99
78) n-propylbenzene	11.37	91	287594	19.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	168073	19.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212545	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18255	18.45	ug/l	92
82) 4-Chlorotoluene	11.52	91	204339	19.20	ug/l	99
83) tert-Butylbenzene	11.77	119	211407	19.04	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	221419	19.55	ug/l	100
85) sec-Butylbenzene	11.95	105	253982	19.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	233686	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	135628	19.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136730	18.88	ug/l	99
89) n-Butylbenzene	12.40	91	207061	18.98	ug/l	99
90) Hexachloroethane	12.60	117	32879	18.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131026	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16036	20.83	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108706	18.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	45542	17.56	ug/l	99
95) Naphthalene	13.84	128	276768	19.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104619	18.87	ug/l	99

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

