

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000510.D
 Acq On : 29 Mar 2018 14:16
 Operator : JC/MD
 Sample : VX0329MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329MBS01

Manual Integrations
 APPROVED

sam
 3/30/2018 4:10:25 PM

Quant Time: Mar 29 15:11:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	206970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	119572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	78613	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.51	113	62640	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	8.73	98	253963	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.15	95	94789	42.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26090	19.28	ug/l	95
3) Chloromethane	1.32	50	24943	17.49	ug/l	94
4) Vinyl Chloride	1.40	62	32248	21.40	ug/l	98
5) Bromomethane	1.64	94	31445	17.46	ug/l	93
6) Chloroethane	1.73	64	21888	25.64	ug/l	91
7) Trichlorofluoromethane	1.93	101	57760	21.24	ug/l	99
8) Diethyl Ether	2.19	74	20770	21.37	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32086	21.16	ug/l	97
10) Methyl Iodide	2.51	142	20130	16.53	ug/l	97
11) Tert butyl alcohol	3.08	59	75813	137.48	ug/l	100
12) 1,1-Dichloroethene	2.38	96	27808	20.89	ug/l	94
13) Acrolein	2.30	56	16186	101.15	ug/l	99
14) Allyl chloride	2.73	41	53778	22.82	ug/l	98
15) Acrylonitrile	3.16	53	130919	117.22	ug/l	98
16) Acetone	2.45	43	151012	113.23	ug/l	99
17) Carbon Disulfide	2.57	76	68627	19.39	ug/l	99
18) Methyl Acetate	2.79	43	71419	25.54	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	105862	21.50	ug/l	99
20) Methylene Chloride	2.86	84	32023	20.79	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	31111	20.95	ug/l	98
22) Diisopropyl ether	3.88	45	72390	17.40	ug/l	97
23) Vinyl Acetate	3.84	43	338936	85.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57062	21.81	ug/l	99
25) 2-Butanone	4.72	43	164121	109.49	ug/l	99
26) 2,2-Dichloropropane	4.60	77	35424	19.32	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	26683	19.23	ug/l	98
28) Bromochloromethane	5.03	49	18314	16.97	ug/l	100
29) Tetrahydrofuran	5.18	42	103461	112.18	ug/l	99
30) Chloroform	5.23	83	52071	21.24	ug/l	95
31) Cyclohexane	5.59	56	37830	18.70	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	45151	20.41	ug/l	97
36) 1,1-Dichloropropene	5.81	75	36089	18.61	ug/l	95
37) Ethyl Acetate	4.87	43	52042	19.65	ug/l	99
38) Carbon Tetrachloride	5.79	117	38143	18.75	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44494	18.87	µg/l	96
40) Benzene	6.15	78	111877	19.87	µg/l	99
41) Methacrylonitrile	5.07	41	27412	19.63	µg/l	99
42) 1,2-Dichloroethane	6.21	62	43900	19.87	µg/l	100
43) Isopropyl Acetate	6.48	43	80210	20.35	µg/l	99
44) Trichloroethene	7.22	130	33145	20.55	µg/l	99
45) 1,2-Dichloropropane	7.53	63	30842	21.40	µg/l	99
46) Dibromomethane	7.67	93	23891	21.12	µg/l	97
47) Bromodichloromethane	7.91	83	42022	21.11	µg/l	99
48) Methyl methacrylate	7.79	41	40683	21.26	µg/l	99
49) 1,4-Dioxane	7.77	88	19923	495.26	µg/l	99
51) 4-Methyl-2-Pentanone	8.66	43	334036	109.48	µg/l	99
52) Toluene	8.79	92	79485	20.19	µg/l	99
53) t-1,3-Dichloropropene	8.45	75	45376	19.68	µg/l	95
54) cis-1,3-Dichloropropene	9.05	75	45166	20.19	µg/l	95
55) 1,1,2-Trichloroethane	9.23	97	34031	21.03	µg/l	99
56) Ethyl methacrylate	9.19	69	48835	19.91	µg/l	99
57) 1,3-Dichloropropane	9.38	76	56414	21.79	µg/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	104940	89.15	µg/l	98
59) 2-Hexanone	9.51	43	284195	109.69	µg/l	99
60) Dibromochloromethane	9.59	129	34131	20.47	µg/l	99
61) 1,2-Dibromoethane	9.68	107	37170	21.41	µg/l	98
64) Tetrachloroethene	9.34	164	32732	19.81	µg/l	96
65) Chlorobenzene	10.15	112	92381	19.50	µg/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	32078	19.93	µg/l	97
67) Ethyl Benzene	10.26	91	157677	19.63	µg/l	98
68) m/p-Xylenes	10.37	106	122920	38.89	µg/l	98
69) o-Xylene	10.71	106	60505	19.77	µg/l	97
70) Styrene	10.72	104	98453	19.44	µg/l	98
71) Bromoform	10.87	173	26074	18.84	µg/l #	98
73) Isopropylbenzene	11.02	105	160224	20.22	µg/l	99
74) N-amyl acetate	6.48	43	80210	21.34	µg/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59757	21.33	µg/l	99
76) 1,2,3-Trichloropropane	11.30	75	55424m	21.57	µg/l	
77) Bromobenzene	11.26	156	41241	19.54	µg/l	97
78) n-propylbenzene	11.37	91	191097	20.23	µg/l	100
79) 2-Chlorotoluene	11.43	91	110944	20.33	µg/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	135578	20.35	µg/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15373	19.37	µg/l	93
82) 4-Chlorotoluene	11.52	91	130597	20.04	µg/l	99
83) tert-Butylbenzene	11.78	119	135292	20.14	µg/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	140929	20.18	µg/l	99
85) sec-Butylbenzene	11.95	105	167523	20.15	µg/l	99
86) p-Isopropyltoluene	12.07	119	147722	20.01	µg/l	99
87) 1,3-Dichlorobenzene	12.04	146	80501	20.17	µg/l	97
88) 1,4-Dichlorobenzene	12.10	146	81086	19.35	µg/l	97
89) n-Butylbenzene	12.40	91	141533	20.59	µg/l	99
90) Hexachloroethane	12.60	117	23154	19.93	µg/l	100
91) 1,2-Dichlorobenzene	12.40	146	79617	20.35	µg/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16425	21.02	µg/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57729	20.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	25469	21.93	ug/l	96
95) Naphthalene	13.84	128	206163	21.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58012	20.93	ug/l	99

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

