

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051618\
 Data File : VX001779.D
 Acq On : 16 May 2018 21:51
 Operator : JC/MD
 Sample : VX0516MBS01
 Misc : 5.00µl/10mL/100µl/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/17/2018 9:32:30 AM

Quant Time: May 17 04:39:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194718	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.51	113	167734	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.72	98	626462	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	11.14	95	199637	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59909	20.49	ug/l	99
3) Chloromethane	1.32	50	67215	21.28	ug/l	98
4) Vinyl Chloride	1.40	62	70415	20.62	ug/l	99
5) Bromomethane	1.64	94	35713	23.15	ug/l	99
6) Chloroethane	1.72	64	46313	21.53	ug/l	99
7) Trichlorofluoromethane	1.93	101	102116	20.58	ug/l	100
8) Diethyl Ether	2.19	74	43204	21.15	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61605	20.62	ug/l	99
10) Methyl Iodide	2.51	142	76075	27.68	ug/l	99
11) Tert butyl alcohol	3.09	59	81053	116.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58394	20.28	ug/l	99
13) Acrolein	2.30	56	47450	96.50	ug/l	99
14) Allyl chloride	2.73	41	110318	20.73	ug/l	98
15) Acrylonitrile	3.15	53	191065	109.72	ug/l	100
16) Acetone	2.45	43	171423	111.76	ug/l	99
17) Carbon Disulfide	2.57	76	134856	17.95	ug/l	99
18) Methyl Acetate	2.78	43	104821	23.38	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	202472	20.86	ug/l	99
20) Methylene Chloride	2.86	84	68304	20.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	62153	19.59	ug/l	100
22) Diisopropyl ether	3.88	45	213063	20.87	ug/l	99
23) Vinyl Acetate	3.83	43	691460	93.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	118076	21.09	ug/l	99
25) 2-Butanone	4.71	43	264741	112.74	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75233	16.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73932	20.48	ug/l	99
28) Bromochloromethane	5.03	49	59550	23.94	ug/l	99
29) Tetrahydrofuran	5.17	42	168952	110.37	ug/l	99
30) Chloroform	5.22	83	124409	21.15	ug/l	98
31) Cyclohexane	5.58	56	101021	20.58	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	105377	20.73	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86774	19.96	ug/l	99
37) Ethyl Acetate	4.87	43	97050	21.43	ug/l	99
38) Carbon Tetrachloride	5.79	117	94155	20.68	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102378	20.16	ug/l	98
40) Benzene	6.15	78	272567	21.28	ug/l	100
41) Methacrylonitrile	5.07	41	55784	21.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96983	20.94	ug/l	99
43) Isopropyl Acetate	6.48	43	145411	20.51	ug/l	99
44) Trichloroethene	7.22	130	84394	21.23	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68329	21.74	ug/l	98
46) Dibromomethane	7.67	93	47173	21.38	ug/l	99
47) Bromodichloromethane	7.90	83	86356	21.09	ug/l	94
48) Methyl methacrylate	7.79	41	78612	21.07	ug/l	98
49) 1,4-Dioxane	7.76	88	36640	509.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	516325	114.93	ug/l	99
52) Toluene	8.79	92	180668	21.96	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	99321	20.62	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	85001	20.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65547	20.84	ug/l	97
56) Ethyl methacrylate	9.19	69	88287	19.79	ug/l	99
57) 1,3-Dichloropropane	9.38	76	107244	20.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	245628	107.05	ug/l	99
59) 2-Hexanone	9.50	43	351276	109.22	ug/l	99
60) Dibromochloromethane	9.59	129	65986	20.49	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69045	20.97	ug/l	97
64) Tetrachloroethene	9.34	164	90563	21.47	ug/l	98
65) Chlorobenzene	10.15	112	181482	20.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	66459	21.12	ug/l	100
67) Ethyl Benzene	10.26	91	290868	20.42	ug/l	99
68) m/p-Xylenes	10.37	106	233787	41.61	ug/l	98
69) o-Xylene	10.71	106	115328	21.43	ug/l	98
70) Styrene	10.72	104	184268	20.76	ug/l	99
71) Bromoform	10.87	173	52684	19.86	ug/l #	99
73) Isopropylbenzene	11.02	105	305378	22.77	ug/l	100
74) N-amyl acetate	6.48	43	145411	22.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90563	22.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87075m	22.48	ug/l	
77) Bromobenzene	11.26	156	87855	22.29	ug/l	99
78) n-propylbenzene	11.37	91	332994	22.03	ug/l	99
79) 2-Chlorotoluene	11.43	91	203938	22.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250743	22.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21486	18.74	ug/l	92
82) 4-Chlorotoluene	11.52	91	230691	21.67	ug/l	100
83) tert-Butylbenzene	11.77	119	243570	22.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	259020	22.73	ug/l	99
85) sec-Butylbenzene	11.95	105	299790	22.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	272997	21.82	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	152790	20.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	155064	20.57	ug/l	99
89) n-Butylbenzene	12.40	91	208753	19.30	ug/l	100
90) Hexachloroethane	12.60	117	41360	21.29	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	156789	21.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18711	21.79	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110601	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	60860	19.58	ug/l	99
95) Naphthalene	13.84	128	322695	21.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118549	20.34	ug/l	99

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

