

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001576.D
 Acq On : 10 May 2018 01:07
 Operator : JC/MD
 Sample : VX0509MBS02
 Misc : 5.0µ/10mL/100ul/5mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS02

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:52:01 PM

Quant Time: May 10 05:15:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192879	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153939	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	123466	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.72	98	437267	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	11.14	95	162704	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63042	21.44	ug/l	98
3) Chloromethane	1.32	50	58829	20.54	ug/l	98
4) Vinyl Chloride	1.40	62	64360	21.53	ug/l	99
5) Bromomethane	1.64	94	35890	24.48	ug/l	98
6) Chloroethane	1.72	64	45228	22.89	ug/l	100
7) Trichlorofluoromethane	1.93	101	101276	22.52	ug/l	98
8) Diethyl Ether	2.19	74	39604	22.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57419	21.78	ug/l	99
10) Methyl Iodide	2.51	142	60318	15.85	ug/l	99
11) Tert butyl alcohol	3.08	59	77224	116.67	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53259	22.04	ug/l	96
13) Acrolein	2.30	56	12297	86.61	ug/l	96
14) Allyl chloride	2.73	41	98336	21.82	ug/l	99
15) Acrylonitrile	3.15	53	170618	114.07	ug/l	99
16) Acetone	2.45	43	153343	107.57	ug/l	100
17) Carbon Disulfide	2.57	76	123878	20.14	ug/l	97
18) Methyl Acetate	2.78	43	91871	24.53	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	192455	22.87	ug/l	100
20) Methylene Chloride	2.86	84	64560	22.87	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57210	21.21	ug/l	96
22) Diisopropyl ether	3.88	45	183189	21.76	ug/l	99
23) Vinyl Acetate	3.83	43	747335	106.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	100450	21.36	ug/l	100
25) 2-Butanone	4.71	43	226163	109.75	ug/l	96
26) 2,2-Dichloropropane	4.59	77	59534	16.39	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	63094	21.96	ug/l	96
28) Bromochloromethane	5.03	49	48255	23.66	ug/l	97
29) Tetrahydrofuran	5.17	42	144855	109.87	ug/l	100
30) Chloroform	5.22	83	110202	22.75	ug/l	99
31) Cyclohexane	5.57	56	83959	20.78	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	96863	22.88	ug/l	99
36) 1,1-Dichloropropene	5.81	75	75654	20.34	ug/l	100
37) Ethyl Acetate	4.87	43	86524	21.22	ug/l	100
38) Carbon Tetrachloride	5.79	117	86703	21.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85025	19.33	ug/l	97
40) Benzene	6.15	78	232883	21.43	ug/l	99
41) Methacrylonitrile	5.07	41	49484	21.21	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94043	22.52	ug/l	99
43) Isopropyl Acetate	6.48	43	132640	21.19	ug/l	100
44) Trichloroethene	7.22	130	71202	21.44	ug/l	99
45) 1,2-Dichloropropane	7.52	63	59934	22.12	ug/l	100
46) Dibromomethane	7.67	93	41710	21.75	ug/l	98
47) Bromodichloromethane	7.90	83	78145	22.02	ug/l	99
48) Methyl methacrylate	7.78	41	71697	21.03	ug/l	99
49) 1,4-Dioxane	7.76	88	31108	422.37	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	461219	110.86	ug/l	98
52) Toluene	8.79	92	153336	21.58	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84265	21.01	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	74562	19.43	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	62578	21.86	ug/l	97
56) Ethyl methacrylate	9.19	69	83906	20.33	ug/l	99
57) 1,3-Dichloropropane	9.38	76	102973	21.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222388	109.88	ug/l	98
59) 2-Hexanone	9.51	43	341529	107.21	ug/l	99
60) Dibromochloromethane	9.59	129	62709	21.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65191	21.69	ug/l	99
64) Tetrachloroethene	9.34	164	86617	22.34	ug/l	97
65) Chlorobenzene	10.15	112	173786	21.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64671	22.17	ug/l	100
67) Ethyl Benzene	10.26	91	279466	20.90	ug/l	100
68) m/p-Xylenes	10.37	106	223913	42.39	ug/l	100
69) o-Xylene	10.71	106	109812	21.39	ug/l	100
70) Styrene	10.72	104	179748	21.55	ug/l	99
71) Bromoform	10.86	173	49277	19.88	ug/l	100
73) Isopropylbenzene	11.02	105	295448	22.13	ug/l	100
74) N-amyl acetate	6.48	43	132640	21.87	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	86970	22.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86539m	22.12	ug/l	
77) Bromobenzene	11.26	156	84302	21.72	ug/l	99
78) n-propylbenzene	11.37	91	319413	21.97	ug/l	99
79) 2-Chlorotoluene	11.43	91	198521	22.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245235	22.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18312	17.93	ug/l	87
82) 4-Chlorotoluene	11.52	91	226554	21.95	ug/l	100
83) tert-Butylbenzene	11.77	119	236514	21.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	254801	22.30	ug/l	99
85) sec-Butylbenzene	11.95	105	290453	21.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	267521	21.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148536	21.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150629	21.28	ug/l	99
89) n-Butylbenzene	12.40	91	205579	20.37	ug/l	99
90) Hexachloroethane	12.60	117	38663	21.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	152648	21.62	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19428	22.42	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105107	20.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	57258	20.26	ug/l	99
95) Naphthalene	13.84	128	310262	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114611	21.62	ug/l	99

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

