

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001601.D
 Acq On : 10 May 2018 14:49
 Operator : JC/MD
 Sample : VX0510MBS01
 Misc : 5.0µ/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:49 PM

Quant Time: May 11 07:02:24 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	233674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158398	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	5.51	113	126933	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	444781	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.14	95	168376	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63979	20.34	ug/l	100
3) Chloromethane	1.32	50	58406	19.06	ug/l	98
4) Vinyl Chloride	1.40	62	62640	19.59	ug/l	100
5) Bromomethane	1.64	94	33926	21.20	ug/l	99
6) Chloroethane	1.72	64	41006	19.40	ug/l	97
7) Trichlorofluoromethane	1.93	101	98546	20.48	ug/l	97
8) Diethyl Ether	2.19	74	39744	21.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59054	20.93	ug/l	99
10) Methyl Iodide	2.51	142	68727	16.88	ug/l	99
11) Tert butyl alcohol	3.07	59	80702	113.97	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51496	19.92	ug/l	99
13) Acrolein	2.30	56	12085	78.57	ug/l	90
14) Allyl chloride	2.73	41	98765	20.49	ug/l	98
15) Acrylonitrile	3.15	53	171365	107.09	ug/l	99
16) Acetone	2.45	43	167351	109.73	ug/l	98
17) Carbon Disulfide	2.57	76	116089	17.64	ug/l	99
18) Methyl Acetate	2.78	43	95132	23.74	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	194630	21.62	ug/l	99
20) Methylene Chloride	2.86	84	60818	20.14	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	54678	18.95	ug/l	96
22) Diisopropyl ether	3.87	45	185356	20.58	ug/l	96
23) Vinyl Acetate	3.83	43	819883	109.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	106141	21.09	ug/l	100
25) 2-Butanone	4.71	43	240388	109.04	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81491	20.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63019	20.51	ug/l	99
28) Bromochloromethane	5.03	49	47346	21.70	ug/l	95
29) Tetrahydrofuran	5.17	42	146768	104.05	ug/l	99
30) Chloroform	5.22	83	112022	21.61	ug/l	100
31) Cyclohexane	5.57	56	85396	19.76	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	94989	20.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75960	20.22	ug/l	99
37) Ethyl Acetate	4.87	43	89500	21.73	ug/l	100
38) Carbon Tetrachloride	5.79	117	84882	21.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90769	20.43	ug/l	97
40) Benzene	6.15	78	232128	21.15	ug/l	100
41) Methacrylonitrile	5.07	41	50943	21.62	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95593	22.66	ug/l	100
43) Isopropyl Acetate	6.47	43	138644	21.93	ug/l	99
44) Trichloroethene	7.22	130	71111	21.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	60144	21.98	ug/l	98
46) Dibromomethane	7.67	93	42627	22.01	ug/l	99
47) Bromodichloromethane	7.90	83	77983	21.76	ug/l	97
48) Methyl methacrylate	7.78	41	74477	21.63	ug/l	99
49) 1,4-Dioxane	7.76	88	32848	441.62	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	472623	112.49	ug/l	99
52) Toluene	8.79	92	154582	21.54	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88696	21.89	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	80858	20.69	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64294	22.24	ug/l	96
56) Ethyl methacrylate	9.19	69	87783	21.06	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105354	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239607	117.23	ug/l	99
59) 2-Hexanone	9.50	43	353659	109.92	ug/l	99
60) Dibromochloromethane	9.59	129	64584	21.81	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65449	21.56	ug/l	98
64) Tetrachloroethene	9.34	164	82879	21.20	ug/l	99
65) Chlorobenzene	10.14	112	174080	21.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65088	22.12	ug/l	99
67) Ethyl Benzene	10.26	91	280823	20.83	ug/l	99
68) m/p-Xylenes	10.37	106	226437	42.51	ug/l	100
69) o-Xylene	10.70	106	110162	21.28	ug/l	100
70) Styrene	10.72	104	179578	21.35	ug/l	99
71) Bromoform	10.86	173	49119	19.69	ug/l #	99
73) Isopropylbenzene	11.02	105	295896	21.46	ug/l	100
74) N-amyl acetate	6.47	43	138644	22.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89776	22.05	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	91765m	22.72	ug/l	
77) Bromobenzene	11.26	156	84276	21.03	ug/l	99
78) n-propylbenzene	11.37	91	329438	21.95	ug/l	99
79) 2-Chlorotoluene	11.43	91	196958	21.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249694	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21979	20.15	ug/l	89
82) 4-Chlorotoluene	11.52	91	232451	21.81	ug/l	99
83) tert-Butylbenzene	11.77	119	240086	21.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	257771	21.85	ug/l	100
85) sec-Butylbenzene	11.95	105	301134	21.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	278299	22.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152405	21.27	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	154543	21.15	ug/l	99
89) n-Butylbenzene	12.40	91	220382	21.15	ug/l	99
90) Hexachloroethane	12.60	117	39917	21.08	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	155454	21.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19943	22.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113901	21.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	62664	21.47	ug/l	100
95) Naphthalene	13.84	128	323900	21.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118312	21.62	ug/l	99

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

