

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000273.D
 Acq On : 12 Mar 2018 12:32
 Operator : JC/MD
 Sample : VX0312MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0312MBSD01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:34 AM

Quant Time: Mar 13 04:54:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	88783	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.51	113	68934	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.73	98	277287	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.15	95	106782	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25591	18.55	ug/l	100
3) Chloromethane	1.32	50	27441	20.38	ug/l	99
4) Vinyl Chloride	1.41	62	33352	21.25	ug/l	96
5) Bromomethane	1.64	94	28348	16.65	ug/l	100
6) Chloroethane	1.73	64	20693	20.87	ug/l	95
7) Trichlorofluoromethane	1.93	101	54880	21.08	ug/l	99
8) Diethyl Ether	2.20	74	19779	20.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29625	20.37	ug/l	96
10) Methyl Iodide	2.52	142	22350	16.87	ug/l	98
11) Tert butyl alcohol	3.08	59	57718	89.52	ug/l	100
12) 1,1-Dichloroethene	2.38	96	27932	20.92	ug/l	97
13) Acrolein	2.30	56	35652	105.18	ug/l	100
14) Allyl chloride	2.73	41	49451	20.05	ug/l	97
15) Acrylonitrile	3.16	53	111515	99.38	ug/l	98
16) Acetone	2.45	43	121409	96.35	ug/l	99
17) Carbon Disulfide	2.57	76	69202	18.92	ug/l	98
18) Methyl Acetate	2.79	43	53469	19.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99276	20.88	ug/l	99
20) Methylene Chloride	2.87	84	30458	20.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28819	19.63	ug/l	93
22) Diisopropyl ether	3.88	45	73168	17.28	ug/l	96
23) Vinyl Acetate	3.84	43	356605	87.37	ug/l	98
24) 1,1-Dichloroethane	3.71	63	53667	20.67	ug/l	97
25) 2-Butanone	4.72	43	146334	94.10	ug/l	100
26) 2,2-Dichloropropane	4.60	77	36530	19.25	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27575	19.81	ug/l	98
28) Bromochloromethane	5.03	49	23742	21.52	ug/l	99
29) Tetrahydrofuran	5.18	42	90117	92.26	ug/l	99
30) Chloroform	5.23	83	48671	19.39	ug/l	100
31) Cyclohexane	5.59	56	38399	20.00	ug/l	# 92
32) 1,1,1-Trichloroethane	5.51	97	44323	20.37	ug/l	99
36) 1,1-Dichloropropene	5.81	75	36594	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	50308	18.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	37591	19.85	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42807	18.65	ug/l	99
40) Benzene	6.15	78	107723	19.96	ug/l	98
41) Methacrylonitrile	5.07	41	25856	18.76	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42461	20.06	ug/l	99
43) Isopropyl Acetate	6.48	43	75707	19.37	ug/l	99
44) Trichloroethene	7.23	130	30167	19.53	ug/l	96
45) 1,2-Dichloropropane	7.52	63	26833	19.63	ug/l	93
46) Dibromomethane	7.67	93	21176	19.58	ug/l	98
47) Bromodichloromethane	7.91	83	37073	19.49	ug/l	94
48) Methyl methacrylate	7.79	41	37524	19.49	ug/l	95
49) 1,4-Dioxane	7.77	88	15248	348.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	285050	96.61	ug/l	98
52) Toluene	8.79	92	74042	20.02	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	44152	19.70	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	43383	20.01	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	30646	20.46	ug/l	97
56) Ethyl methacrylate	9.19	69	45406	20.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	50035	19.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	111556	98.57	ug/l	99
59) 2-Hexanone	9.51	43	235987	93.80	ug/l	99
60) Dibromochloromethane	9.59	129	30683	19.43	ug/l	96
61) 1,2-Dibromoethane	9.68	107	32673	19.64	ug/l	98
64) Tetrachloroethene	9.34	164	29536	19.79	ug/l	95
65) Chlorobenzene	10.15	112	86815	20.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28952	19.66	ug/l	97
67) Ethyl Benzene	10.26	91	148436	19.74	ug/l	99
68) m/p-Xylenes	10.37	106	114201	39.47	ug/l	97
69) o-Xylene	10.71	106	55569	19.98	ug/l	98
70) Styrene	10.72	104	92024	19.95	ug/l	99
71) Bromoform	10.87	173	23075	17.51	ug/l #	100
73) Isopropylbenzene	11.02	105	151848	19.60	ug/l	100
74) N-amyl acetate	6.48	43	75707	19.10	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54456	20.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	47335m	19.08	ug/l	
77) Bromobenzene	11.26	156	38568	19.26	ug/l	96
78) n-propylbenzene	11.37	91	179912	19.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	101219	19.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129197	19.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	13775	17.01	ug/l	89
82) 4-Chlorotoluene	11.52	91	126238	20.19	ug/l	95
83) tert-Butylbenzene	11.78	119	123481	19.62	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	134275	20.19	ug/l	99
85) sec-Butylbenzene	11.96	105	162137	20.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	140022	19.95	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	75089	19.72	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78165	19.58	ug/l	98
89) n-Butylbenzene	12.40	91	138890	20.54	ug/l	99
90) Hexachloroethane	12.60	117	20991	18.56	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	76669	20.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14546	19.07	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54154	19.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	22277	19.51	ug/l	99
95) Naphthalene	13.84	128	191878	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52747	19.44	ug/l	100

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

