

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000272.D
 Acq On : 12 Mar 2018 12:07
 Operator : JC/MD
 Sample : VX0312MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312MBS01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:31 AM

Quant Time: Mar 13 04:52:35 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	131102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	218912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	130201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	92562	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.52	113	70524	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.73	98	280649	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.15	95	107838	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26061	18.24	ug/l	100
3) Chloromethane	1.32	50	28654	20.55	ug/l	99
4) Vinyl Chloride	1.41	62	32547	20.02	ug/l	100
5) Bromomethane	1.65	94	30683	17.45	ug/l	99
6) Chloroethane	1.73	64	21285	20.73	ug/l	99
7) Trichlorofluoromethane	1.94	101	55176	20.46	ug/l	97
8) Diethyl Ether	2.20	74	20020	20.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30210	20.06	ug/l	99
10) Methyl Iodide	2.52	142	19251	14.56	ug/l	97
11) Tert butyl alcohol	3.07	59	60420	90.48	ug/l	99
12) 1,1-Dichloroethene	2.39	96	27243	19.70	ug/l	92
13) Acrolein	2.30	56	35488	101.08	ug/l	95
14) Allyl chloride	2.74	41	52269	20.46	ug/l	99
15) Acrylonitrile	3.16	53	115368	99.27	ug/l	99
16) Acetone	2.45	43	128124	98.17	ug/l	97
17) Carbon Disulfide	2.58	76	70068	18.49	ug/l	99
18) Methyl Acetate	2.79	43	55769	20.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	101685	20.65	ug/l	99
20) Methylene Chloride	2.87	84	31380	20.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30542	20.08	ug/l	98
22) Diisopropyl ether	3.89	45	95313	21.73	ug/l	97
23) Vinyl Acetate	3.84	43	468411	110.80	ug/l	99
24) 1,1-Dichloroethane	3.71	63	56469	21.00	ug/l	99
25) 2-Butanone	4.73	43	153735	95.45	ug/l	96
26) 2,2-Dichloropropane	4.60	77	38937	19.81	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	29658	20.57	ug/l	96
28) Bromochloromethane	5.03	49	23495	20.56	ug/l	98
29) Tetrahydrofuran	5.18	42	95356	94.26	ug/l	99
30) Chloroform	5.23	83	52487	20.19	ug/l	94
31) Cyclohexane	5.59	56	38911	19.57	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	46326	20.55	ug/l	98
36) 1,1-Dichloropropene	5.82	75	38393	19.71	ug/l	98
37) Ethyl Acetate	4.88	43	52912	18.80	ug/l	100
38) Carbon Tetrachloride	5.80	117	38405	19.48	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	45095	18.87	µg/l	97
40) Benzene	6.16	78	109762	19.54	µg/l	98
41) Methacrylonitrile	5.07	41	26778	18.66	µg/l	99
42) 1,2-Dichloroethane	6.21	62	43978	19.96	µg/l	100
43) Isopropyl Acetate	6.48	43	77659	19.08	µg/l	99
44) Trichloroethene	7.22	130	31640	19.68	µg/l	99
45) 1,2-Dichloropropane	7.52	63	28186	19.81	µg/l	92
46) Dibromomethane	7.67	93	21825	19.39	µg/l	93
47) Bromodichloromethane	7.91	83	39453	19.92	µg/l	93
48) Methyl methacrylate	7.79	41	38395	19.15	µg/l	96
49) 1,4-Dioxane	7.77	88	16937	372.17	µg/l	99
51) 4-Methyl-2-Pentanone	8.66	43	301371	98.10	µg/l	97
52) Toluene	8.79	92	76115	19.77	µg/l	98
53) t-1,3-Dichloropropene	8.45	75	47025	20.15	µg/l	99
54) cis-1,3-Dichloropropene	9.05	75	45777	20.28	µg/l	97
55) 1,1,2-Trichloroethane	9.23	97	31195	20.00	µg/l	98
56) Ethyl methacrylate	9.19	69	48242	20.67	µg/l	96
57) 1,3-Dichloropropane	9.38	76	51458	19.65	µg/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	120767	102.49	µg/l	97
59) 2-Hexanone	9.51	43	250878	95.78	µg/l	99
60) Dibromochloromethane	9.59	129	32034	19.48	µg/l	98
61) 1,2-Dibromoethane	9.68	107	35185	20.32	µg/l	97
64) Tetrachloroethene	9.34	164	31262	20.13	µg/l	96
65) Chlorobenzene	10.15	112	91220	20.35	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	30676	20.01	µg/l	96
67) Ethyl Benzene	10.26	91	153532	19.62	µg/l	100
68) m/p-Xylenes	10.37	106	117879	39.14	µg/l	96
69) o-Xylene	10.71	106	58828	20.32	µg/l	99
70) Styrene	10.72	104	96480	20.09	µg/l	99
71) Bromoform	10.87	173	24990	18.10	µg/l #	99
73) Isopropylbenzene	11.02	105	155986	19.14	µg/l	100
74) N-amyl acetate	6.48	43	77659	18.62	µg/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57497	20.12	µg/l	99
76) 1,2,3-Trichloropropane	11.30	75	51429m	19.71	µg/l	
77) Bromobenzene	11.26	156	39820	18.89	µg/l	95
78) n-propylbenzene	11.37	91	187834	19.58	µg/l	98
79) 2-Chlorotoluene	11.43	91	106530	19.68	µg/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	135679	19.94	µg/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14645	17.18	µg/l	88
82) 4-Chlorotoluene	11.52	91	132209	20.09	µg/l	98
83) tert-Butylbenzene	11.78	119	129940	19.62	µg/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	140414	20.06	µg/l	99
85) sec-Butylbenzene	11.96	105	169096	20.19	µg/l	98
86) p-Isopropyltoluene	12.07	119	149659	20.26	µg/l	98
87) 1,3-Dichlorobenzene	12.04	146	79127	19.75	µg/l	99
88) 1,4-Dichlorobenzene	12.11	146	83675	19.93	µg/l	99
89) n-Butylbenzene	12.40	91	144390	20.30	µg/l	98
90) Hexachloroethane	12.60	117	21701	18.23	µg/l	99
91) 1,2-Dichlorobenzene	12.40	146	80657	20.33	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15133	18.86	µg/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56630	19.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	22739	18.93	ug/l	99
95) Naphthalene	13.84	128	202445	20.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56380	19.75	ug/l	99

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

