

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001231.D
 Acq On : 28 Apr 2018 23:37
 Operator : JC/MD
 Sample : VX0428WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:46:30 PM

Quant Time: Apr 30 03:23:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	261763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130045	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.51	113	106449	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	401034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.15	95	150696	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38733	19.23	ug/l	99
3) Chloromethane	1.32	50	38993	18.48	ug/l	99
4) Vinyl Chloride	1.40	62	43620	19.49	ug/l	99
5) Bromomethane	1.64	94	32295	22.35	ug/l	100
6) Chloroethane	1.73	64	28184	20.00	ug/l	96
7) Trichlorofluoromethane	1.93	101	76248	21.09	ug/l	98
8) Diethyl Ether	2.19	74	26729	19.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41736	20.95	ug/l	100
10) Methyl Iodide	2.51	142	39481	23.54	ug/l	98
11) Tert butyl alcohol	3.08	59	54594	92.98	ug/l	97
12) 1,1-Dichloroethene	2.38	96	38943	20.05	ug/l	96
13) Acrolein	2.30	56	17275	77.82	ug/l	100
14) Allyl chloride	2.73	41	69520	19.62	ug/l	98
15) Acrylonitrile	3.15	53	116828	93.17	ug/l	99
16) Acetone	2.45	43	110270	90.06	ug/l	99
17) Carbon Disulfide	2.57	76	92497	18.66	ug/l	100
18) Methyl Acetate	2.78	43	62002	20.24	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	140257	19.62	ug/l	99
20) Methylene Chloride	2.86	84	43500	19.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41801	19.47	ug/l	96
22) Diisopropyl ether	3.88	45	130291	18.38	ug/l	95
23) Vinyl Acetate	3.83	43	551607	91.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71189	19.10	ug/l	98
25) 2-Butanone	4.71	43	159615	87.12	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42844	14.61	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	45818	19.49	ug/l	96
28) Bromochloromethane	5.03	49	32258	19.31	ug/l	97
29) Tetrahydrofuran	5.17	42	103377	87.76	ug/l	99
30) Chloroform	5.22	83	76748	19.37	ug/l	97
31) Cyclohexane	5.58	56	61611	19.46	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	66362	19.40	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56499	19.59	ug/l	99
37) Ethyl Acetate	4.87	43	62680	18.15	ug/l	99
38) Carbon Tetrachloride	5.79	117	58875	19.91	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	62129	19.46	ug/l	98
40) Benzene	6.15	78	167943	20.13	ug/l	97
41) Methacrylonitrile	5.07	41	34950	18.01	ug/l	97
42) 1,2-Dichloroethane	6.21	62	65572	19.50	ug/l	99
43) Isopropyl Acetate	6.48	43	98324	18.12	ug/l	99
44) Trichloroethene	7.22	130	50635	20.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	42506	19.37	ug/l	95
46) Dibromomethane	7.67	93	31007	20.40	ug/l	99
47) Bromodichloromethane	7.91	83	53658	19.43	ug/l	98
48) Methyl methacrylate	7.79	41	51728	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	21472	371.92	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	334683	93.92	ug/l	98
52) Toluene	8.79	92	109281	20.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	59000	18.38	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	53422	17.54	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	45659	19.78	ug/l	100
56) Ethyl methacrylate	9.19	69	63087	18.44	ug/l	98
57) 1,3-Dichloropropane	9.38	76	74107	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	151394	93.62	ug/l	100
59) 2-Hexanone	9.51	43	253841	90.91	ug/l	99
60) Dibromochloromethane	9.59	129	45357	19.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	48636	20.11	ug/l	100
64) Tetrachloroethene	9.34	164	57909	21.79	ug/l	98
65) Chlorobenzene	10.15	112	129676	19.88	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	45755	20.27	ug/l	99
67) Ethyl Benzene	10.26	91	212740	20.07	ug/l	98
68) m/p-Xylenes	10.37	106	168523	40.22	ug/l	99
69) o-Xylene	10.71	106	81906	20.16	ug/l	100
70) Styrene	10.72	104	134287	19.86	ug/l	99
71) Bromoform	10.86	173	34981	18.23	ug/l #	97
73) Isopropylbenzene	11.02	105	218288	19.83	ug/l	99
74) N-amyl acetate	6.48	43	98324	17.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68062	18.64	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	62095m	18.06	ug/l	
77) Bromobenzene	11.26	156	64402	19.73	ug/l	97
78) n-propylbenzene	11.37	91	246552	20.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	148285	19.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186798	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12547	15.56	ug/l	87
82) 4-Chlorotoluene	11.52	91	177652	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	180234	19.38	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	193416	20.19	ug/l	99
85) sec-Butylbenzene	11.95	105	219583	20.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	201018	19.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	115373	19.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118302	19.38	ug/l	99
89) n-Butylbenzene	12.40	91	170556	19.50	ug/l	99
90) Hexachloroethane	12.60	117	27717	19.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115903	19.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13782	17.10	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88531	19.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	42811	19.62	ug/l	99
95) Naphthalene	13.84	128	248619	19.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91862	19.88	ug/l	98

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

