

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001128.D
 Acq On : 25 Apr 2018 19:03
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:47:04 AM

Quant Time: Apr 26 05:18:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137285	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.51	113	110254	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.72	98	384774	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	157327	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55585	20.36	ug/l	98
3) Chloromethane	1.32	50	46641	18.34	ug/l	98
4) Vinyl Chloride	1.40	62	50817	19.28	ug/l	99
5) Bromomethane	1.64	94	36285	21.68	ug/l	99
6) Chloroethane	1.73	64	31342	20.02	ug/l	100
7) Trichlorofluoromethane	1.93	101	85054	21.48	ug/l	99
8) Diethyl Ether	2.19	74	31115	21.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47447	20.45	ug/l	99
10) Methyl Iodide	2.51	142	27816	17.90	ug/l	98
11) Tert butyl alcohol	3.08	59	56597	134.47	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43067	20.08	ug/l	98
13) Acrolein	2.30	56	21119	164.95	ug/l	99
14) Allyl chloride	2.73	41	79639	20.51	ug/l	97
15) Acrylonitrile	3.15	53	133353	117.07	ug/l	100
16) Acetone	2.45	43	134959	128.42	ug/l	99
17) Carbon Disulfide	2.57	76	97259	15.91	ug/l	99
18) Methyl Acetate	2.78	43	87243	27.43	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	162321	22.51	ug/l	98
20) Methylene Chloride	2.86	84	49189	21.33	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46400	19.43	ug/l	98
22) Diisopropyl ether	3.88	45	156478	20.82	ug/l	98
23) Vinyl Acetate	3.83	43	638845	102.68	ug/l	98
24) 1,1-Dichloroethane	3.70	63	85540	20.29	ug/l	100
25) 2-Butanone	4.72	43	192705	117.46	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67773	18.69	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	53241	20.01	ug/l	98
28) Bromochloromethane	5.03	49	35040	21.62	ug/l	97
29) Tetrahydrofuran	5.18	42	118158	113.98	ug/l	100
30) Chloroform	5.23	83	90517	20.73	ug/l	100
31) Cyclohexane	5.58	56	72817	18.51	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78123	19.96	ug/l	97
36) 1,1-Dichloropropene	5.81	75	63422	17.95	ug/l	99
37) Ethyl Acetate	4.87	43	70194	21.65	ug/l	100
38) Carbon Tetrachloride	5.79	117	66741	18.65	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74386	18.08	ug/l	99
40) Benzene	6.15	78	193048	19.65	ug/l	97
41) Methacrylonitrile	5.07	41	42320	20.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	79506	21.08	ug/l	99
43) Isopropyl Acetate	6.48	43	117037	21.04	ug/l	98
44) Trichloroethene	7.22	130	56565	18.84	ug/l	98
45) 1,2-Dichloropropane	7.53	63	51486	20.84	ug/l	100
46) Dibromomethane	7.67	93	35501	20.57	ug/l	99
47) Bromodichloromethane	7.91	83	63348	19.81	ug/l	98
48) Methyl methacrylate	7.79	41	62209	20.77	ug/l	98
49) 1,4-Dioxane	7.76	88	21669	492.04	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	388643	115.09	ug/l	98
52) Toluene	8.79	92	124093	19.35	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	73690	19.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	68918	19.11	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	53359	20.93	ug/l	97
56) Ethyl methacrylate	9.19	69	77454	20.69	ug/l	97
57) 1,3-Dichloropropane	9.38	76	86680	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194300	106.34	ug/l	100
59) 2-Hexanone	9.51	43	293729	113.64	ug/l	97
60) Dibromochloromethane	9.59	129	52639	19.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56307	20.93	ug/l	98
64) Tetrachloroethene	9.34	164	60857	20.08	ug/l	97
65) Chlorobenzene	10.15	112	149725	19.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52638	20.18	ug/l	99
67) Ethyl Benzene	10.26	91	244680	19.39	ug/l	97
68) m/p-Xylenes	10.37	106	189818	38.16	ug/l	96
69) o-Xylene	10.70	106	94433	19.69	ug/l	99
70) Styrene	10.72	104	155007	19.62	ug/l	99
71) Bromoform	10.87	173	41127	18.74	ug/l	100
73) Isopropylbenzene	11.02	105	256151	20.72	ug/l	100
74) N-amyl acetate	6.48	43	117037	22.13	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80160	22.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73966m	22.54	ug/l	
77) Bromobenzene	11.26	156	72267	20.14	ug/l	97
78) n-propylbenzene	11.37	91	284082	20.02	ug/l	100
79) 2-Chlorotoluene	11.43	91	173546	20.69	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	214460	20.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16528	17.70	ug/l #	84
82) 4-Chlorotoluene	11.52	91	203083	20.04	ug/l	99
83) tert-Butylbenzene	11.77	119	218444	20.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222980	20.68	ug/l	99
85) sec-Butylbenzene	11.95	105	260984	20.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	237715	20.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133186	19.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135012	19.58	ug/l	98
89) n-Butylbenzene	12.40	91	202605	19.51	ug/l	99
90) Hexachloroethane	12.60	117	32789	19.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132291	20.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16598	22.64	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	103130	18.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	51342	20.78	ug/l	98
95) Naphthalene	13.84	128	291467	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106466	20.16	ug/l	98

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

