

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001119.D
 Acq On : 25 Apr 2018 14:41
 Operator : JC/MD
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBS01

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:46:43 AM

Quant Time: Apr 25 16:12:09 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	5.68	168	241641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149158	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	118668	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	8.72	98	423127	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.14	95	171169	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60714	20.26	ug/l	98
3) Chloromethane	1.32	50	53092	19.03	ug/l	98
4) Vinyl Chloride	1.40	62	56260	19.45	ug/l	99
5) Bromomethane	1.65	94	40395	22.04	ug/l	98
6) Chloroethane	1.73	64	35018	20.38	ug/l	98
7) Trichlorofluoromethane	1.93	101	89605	20.62	ug/l	99
8) Diethyl Ether	2.19	74	33370	20.79	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50591	19.87	ug/l	99
10) Methyl Iodide	2.52	142	34470	19.23	ug/l	97
11) Tert butyl alcohol	3.08	59	55881	120.97	ug/l	98
12) 1,1-Dichloroethene	2.38	96	46125	19.59	ug/l	98
13) Acrolein	2.30	56	24515	173.82	ug/l	95
14) Allyl chloride	2.73	41	84298	19.78	ug/l	96
15) Acrylonitrile	3.15	53	136396	109.10	ug/l	99
16) Acetone	2.45	43	127375	110.43	ug/l	99
17) Carbon Disulfide	2.57	76	104236	15.53	ug/l	100
18) Methyl Acetate	2.78	43	89897	25.76	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	168349	21.27	ug/l	99
20) Methylene Chloride	2.86	84	53111	20.96	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	49419	18.86	ug/l	94
22) Diisopropyl ether	3.88	45	171628	20.81	ug/l	97
23) Vinyl Acetate	3.83	43	679722	99.54	ug/l	99
24) 1,1-Dichloroethane	3.70	63	92568	20.01	ug/l	99
25) 2-Butanone	4.71	43	195585	108.62	ug/l	99
26) 2,2-Dichloropropane	4.59	77	72775	18.29	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	57820	19.80	ug/l	99
28) Bromochloromethane	5.03	49	34214	19.23	ug/l	97
29) Tetrahydrofuran	5.18	42	123002	108.10	ug/l	100
30) Chloroform	5.23	83	97700	20.39	ug/l	99
31) Cyclohexane	5.58	56	79623	18.44	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	85260	19.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	70511	18.18	ug/l	100
37) Ethyl Acetate	4.87	43	75316	21.17	ug/l	100
38) Carbon Tetrachloride	5.79	117	70611	17.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	80428	17.82	ug/l	98
40) Benzene	6.15	78	209990	19.48	ug/l	99
41) Methacrylonitrile	5.07	41	45637	20.55	ug/l	97
42) 1,2-Dichloroethane	6.21	62	84592	20.44	ug/l	99
43) Isopropyl Acetate	6.48	43	124587	20.42	ug/l	99
44) Trichloroethene	7.22	130	61150	18.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	55408	20.44	ug/l	99
46) Dibromomethane	7.67	93	37574	19.84	ug/l	97
47) Bromodichloromethane	7.91	83	66527	18.96	ug/l	98
48) Methyl methacrylate	7.79	41	66055	20.10	ug/l	97
49) 1,4-Dioxane	7.76	88	21933	453.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	407364	109.95	ug/l	98
52) Toluene	8.79	92	137303	19.51	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	78373	18.68	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71389	18.04	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	56194	20.09	ug/l	99
56) Ethyl methacrylate	9.19	69	83897	20.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	92786	20.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	206230	102.87	ug/l	99
59) 2-Hexanone	9.51	43	305153	107.60	ug/l	98
60) Dibromochloromethane	9.59	129	54498	18.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58551	19.84	ug/l	100
64) Tetrachloroethene	9.34	164	65454	19.69	ug/l	97
65) Chlorobenzene	10.15	112	161748	19.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56589	19.78	ug/l	99
67) Ethyl Benzene	10.26	91	267982	19.36	ug/l	98
68) m/p-Xylenes	10.37	106	210510	38.58	ug/l	98
69) o-Xylene	10.70	106	100994	19.20	ug/l	96
70) Styrene	10.72	104	166629	19.24	ug/l	99
71) Bromoform	10.87	173	42360	17.76	ug/l #	99
73) Isopropylbenzene	11.02	105	278062	20.42	ug/l	100
74) N-amyl acetate	6.48	43	124587	21.38	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84110	21.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79922m	22.11	ug/l	
77) Bromobenzene	11.26	156	78686	19.90	ug/l	98
78) n-propylbenzene	11.37	91	310638	19.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	185879	20.12	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	235087	20.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17060	16.79	ug/l #	85
82) 4-Chlorotoluene	11.52	91	220941	19.79	ug/l	98
83) tert-Butylbenzene	11.77	119	233946	20.09	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	242475	20.41	ug/l	99
85) sec-Butylbenzene	11.95	105	282492	20.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	260212	20.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	141952	19.18	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146060	19.23	ug/l	99
89) n-Butylbenzene	12.40	91	220489	19.27	ug/l	99
90) Hexachloroethane	12.60	117	34692	19.04	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	143643	20.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17422	21.57	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112901	18.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	55286	20.31	ug/l	100
95) Naphthalene	13.84	128	313389	21.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113833	19.57	ug/l	100

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

