

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001901.D
 Acq On : 22 May 2018 18:43
 Operator : JC/MD
 Sample : VX0522WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:46 AM

Quant Time: May 23 02:09:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181415	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	5.51	113	151155	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	8.72	98	546975	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	177704	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47821	18.58	ug/l	99
3) Chloromethane	1.32	50	55079	19.81	ug/l	99
4) Vinyl Chloride	1.40	62	58553	19.48	ug/l	99
5) Bromomethane	1.64	94	34246	25.52	ug/l	94
6) Chloroethane	1.72	64	43785	23.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	89089	20.40	ug/l	97
8) Diethyl Ether	2.19	74	36599	20.36	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52959	20.15	ug/l	99
10) Methyl Iodide	2.51	142	67720	28.00	ug/l	99
11) Tert butyl alcohol	3.08	59	74439	121.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48602	19.18	ug/l	97
13) Acrolein	2.29	56	30211	69.81	ug/l	98
14) Allyl chloride	2.73	41	100259	21.40	ug/l	99
15) Acrylonitrile	3.15	53	176846	115.39	ug/l	99
16) Acetone	2.45	43	160652	119.01	ug/l	98
17) Carbon Disulfide	2.57	76	103539	15.66	ug/l	99
18) Methyl Acetate	2.78	43	102584	25.99	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184018	21.54	ug/l	99
20) Methylene Chloride	2.86	84	58268	20.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53385	19.12	ug/l	97
22) Diisopropyl ether	3.88	45	194147	21.60	ug/l	99
23) Vinyl Acetate	3.83	43	655663	101.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104111	21.12	ug/l	99
25) 2-Butanone	4.72	43	261130	126.35	ug/l	100
26) 2,2-Dichloropropane	4.59	77	74548	18.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66582	20.96	ug/l	97
28) Bromochloromethane	5.03	49	55079	25.16	ug/l	98
29) Tetrahydrofuran	5.18	42	166335	123.47	ug/l	97
30) Chloroform	5.22	83	113431	21.91	ug/l	97
31) Cyclohexane	5.57	56	86628	20.05	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	97423	21.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76040	19.55	ug/l	99
37) Ethyl Acetate	4.88	43	95594	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	85688	21.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87433	19.24	ug/l	97
40) Benzene	6.15	78	240625	21.00	ug/l	100
41) Methacrylonitrile	5.07	41	54649	23.31	ug/l	98
42) 1,2-Dichloroethane	6.21	62	91319	22.03	ug/l	100
43) Isopropyl Acetate	6.48	43	141270	22.27	ug/l	100
44) Trichloroethene	7.22	130	72451	20.37	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62594	22.26	ug/l	100
46) Dibromomethane	7.67	93	42057	21.30	ug/l	100
47) Bromodichloromethane	7.91	83	81783	22.32	ug/l	97
48) Methyl methacrylate	7.79	41	75766	22.69	ug/l	99
49) 1,4-Dioxane	7.77	88	33051	514.02	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	501871	124.82	ug/l	98
52) Toluene	8.79	92	155947	21.18	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90678	21.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74924	19.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	61002	21.67	ug/l	97
56) Ethyl methacrylate	9.19	69	83059	20.81	ug/l	98
57) 1,3-Dichloropropane	9.38	76	99024	21.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	230947	112.47	ug/l	98
59) 2-Hexanone	9.51	43	349604	121.47	ug/l	98
60) Dibromochloromethane	9.59	129	61337	21.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62626	21.25	ug/l	99
64) Tetrachloroethene	9.34	164	75685	20.27	ug/l	97
65) Chlorobenzene	10.15	112	163719	20.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62090	22.28	ug/l	99
67) Ethyl Benzene	10.26	91	260260	20.64	ug/l	99
68) m/p-Xylenes	10.37	106	207226	41.65	ug/l	98
69) o-Xylene	10.71	106	101401	21.28	ug/l	98
70) Styrene	10.72	104	167952	21.37	ug/l	100
71) Bromoform	10.87	173	48378	20.49	ug/l	99
73) Isopropylbenzene	11.02	105	277388	23.30	ug/l	99
74) N-amyl acetate	6.48	43	141270	24.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87393	24.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84607m	24.62	ug/l	
77) Bromobenzene	11.26	156	79581	22.75	ug/l	99
78) n-propylbenzene	11.37	91	298537	22.26	ug/l	99
79) 2-Chlorotoluene	11.43	91	183555	22.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226122	23.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20732	20.09	ug/l	88
82) 4-Chlorotoluene	11.52	91	209215	22.14	ug/l	99
83) tert-Butylbenzene	11.77	119	232696	23.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	234032	23.14	ug/l	100
85) sec-Butylbenzene	11.95	105	271917	22.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	246440	22.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138441	21.40	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	141351	21.13	ug/l	100
89) n-Butylbenzene	12.40	91	186342	19.41	ug/l	99
90) Hexachloroethane	12.60	117	39664	23.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145028	22.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19474	25.55	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100685	19.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	55510	20.13	ug/l	99
95) Naphthalene	13.84	128	300527	22.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108374	20.95	ug/l	99

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

