

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
 Data File : VX005848.D
 Acq On : 08 Nov 2018 15:56
 Operator : JC/MD
 Sample : VX1108WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 11:37:19 AM

Quant Time: Nov 08 16:19:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	160261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	73298	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
35) Dibromofluoromethane	5.50	113	57828	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	210903	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	
62) 4-Bromofluorobenzene	11.14	95	69928	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21826	20.981	ug/l	98
3) Chloromethane	1.32	50	26948	19.738	ug/l	96
4) Vinyl Chloride	1.41	62	27933	20.380	ug/l	95
5) Bromomethane	1.64	94	14116	16.830	ug/l	86
6) Chloroethane	1.72	64	16446	20.110	ug/l	97
7) Trichlorofluoromethane	1.93	101	35758	19.655	ug/l	94
8) Diethyl Ether	2.19	74	14205	19.926	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	20454	19.548	ug/l	96
10) Methyl Iodide	2.51	142	19137	15.091	ug/l	99
11) Tert butyl alcohol	3.07	59	36946	97.230	ug/l	100
12) 1,1-Dichloroethene	2.37	96	19471	19.092	ug/l	83
13) Acrolein	2.29	56	16665	104.092	ug/l	100
14) Allyl chloride	2.73	41	44882	19.705	ug/l	99
15) Acrylonitrile	3.15	53	77617	98.564	ug/l	96
16) Acetone	2.45	43	73596	103.046	ug/l	98
17) Carbon Disulfide	2.57	76	57828	19.010	ug/l	97
18) Methyl Acetate	2.78	43	42360	21.280	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	73586	21.140	ug/l	99
20) Methylene Chloride	2.86	84	22588	19.254	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	20832	19.366	ug/l	88
22) Diisopropyl ether	3.87	45	79042	19.809	ug/l	97
23) Vinyl Acetate	3.82	43	346000	101.135	ug/l	99
24) 1,1-Dichloroethane	3.70	63	43375	20.375	ug/l	98
25) 2-Butanone	4.70	43	113876	101.418	ug/l	100
26) 2,2-Dichloropropane	4.59	77	31903	20.430	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	23568	19.842	ug/l	98
28) Bromochloromethane	5.01	49	21924	23.044	ug/l	99
29) Tetrahydrofuran	5.16	42	72526	100.598	ug/l	99
30) Chloroform	5.21	83	40692	19.813	ug/l	97
31) Cyclohexane	5.57	56	37152	20.105	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	34152	19.936	ug/l	99
36) 1,1-Dichloropropene	5.79	75	30411	19.684	ug/l	99
37) Ethyl Acetate	4.85	43	40706	20.036	ug/l	99
38) Carbon Tetrachloride	5.78	117	30716	19.859	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28564	18.242	ug/l	97
40) Benzene	6.14	78	92072	20.443	ug/l	98
41) Methacrylonitrile	5.07	41	22692	20.671	ug/l	97
42) 1,2-Dichloroethane	6.19	62	32450	20.116	ug/l	99
43) Isopropyl Acetate	6.46	43	58856	19.993	ug/l	100
44) Trichloroethene	7.21	130	21601	18.886	ug/l	94
45) 1,2-Dichloropropane	7.52	63	22649	20.719	ug/l	93
46) Dibromomethane	7.66	93	13798	20.114	ug/l	98
47) Bromodichloromethane	7.90	83	25777	19.883	ug/l	98
48) Methyl methacrylate	7.77	41	26218	19.834	ug/l	99
49) 1,4-Dioxane	7.75	88	11510	404.084	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	182282	98.247	ug/l	98
52) Toluene	8.79	92	48423	19.237	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	28427	18.581	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	30956	19.852	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	20390	18.175	ug/l	96
56) Ethyl methacrylate	9.18	69	29244	17.422	ug/l	98
57) 1,3-Dichloropropane	9.37	76	33715	17.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	91954	105.484	ug/l	99
59) 2-Hexanone	9.49	43	142208	86.956	ug/l	100
60) Dibromochloromethane	9.59	129	20528	16.931	ug/l	100
61) 1,2-Dibromoethane	9.67	107	20619	16.622	ug/l	99
64) Tetrachloroethene	9.34	164	22056	18.659	ug/l	97
65) Chlorobenzene	10.14	112	54233	19.498	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	19729	20.403	ug/l	100
67) Ethyl Benzene	10.25	91	91397	20.492	ug/l	98
68) m/p-Xylenes	10.36	106	70582	41.489	ug/l	99
69) o-Xylene	10.70	106	33727	22.109	ug/l	100
70) Styrene	10.71	104	56148	22.312	ug/l	99
71) Bromoform	10.86	173	16520	20.380	ug/l #	100
73) Isopropylbenzene	11.02	105	93255	21.233	ug/l	100
74) N-amyl acetate	10.90	43	44755	18.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	31741	19.690	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	31338m	20.265	ug/l	
77) Bromobenzene	11.26	156	24971	20.172	ug/l	99
78) n-propylbenzene	11.36	91	107470	20.763	ug/l	99
79) 2-Chlorotoluene	11.42	91	64696	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79386	21.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9253	19.070	ug/l	95
82) 4-Chlorotoluene	11.51	91	76561	20.764	ug/l	99
83) tert-Butylbenzene	11.77	119	76529	20.268	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81859	19.802	ug/l	98
85) sec-Butylbenzene	11.94	105	94684	20.507	ug/l	99
86) p-Isopropyltoluene	12.07	119	83708	20.467	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45576	19.184	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	46280	19.029	ug/l	98
89) n-Butylbenzene	12.39	91	74078	19.543	ug/l	99
90) Hexachloroethane	12.60	117	13420	19.654	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	45407	19.079	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7763	19.734	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	33455	19.968	ug/l	99
94) Hexachlorobutadiene	13.79	225	16287	18.506	ug/l	99
95) Naphthalene	13.83	128	103170	19.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34616	20.280	ug/l	99

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

