

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005749.D
 Acq On : 02 Nov 2018 12:00
 Operator : JC/MD
 Sample : VX1102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:38 PM

Quant Time: Nov 03 01:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118698	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	193771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86580	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	67536	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	234164	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	83836	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29090	21.215	ug/l	98
3) Chloromethane	1.32	50	32133	19.867	ug/l	97
4) Vinyl Chloride	1.40	62	35030	20.817	ug/l	99
5) Bromomethane	1.64	94	29577	14.165	ug/l	91
6) Chloroethane	1.72	64	21665	21.931	ug/l	95
7) Trichlorofluoromethane	1.93	101	42241	19.557	ug/l	98
8) Diethyl Ether	2.19	74	18416	18.969	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26313	20.056	ug/l	90
10) Methyl Iodide	2.51	142	24300	20.230	ug/l	100
11) Tert butyl alcohol	3.07	59	49632	105.313	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23957	18.739	ug/l	91
13) Acrolein	2.29	56	25249	83.413	ug/l	91
14) Allyl chloride	2.73	41	51692	19.554	ug/l	97
15) Acrylonitrile	3.15	53	106007	102.290	ug/l	99
16) Acetone	2.45	43	92967	98.541	ug/l	97
17) Carbon Disulfide	2.57	76	68565	17.453	ug/l	100
18) Methyl Acetate	2.78	43	49774	19.985	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	92742	20.957	ug/l	97
20) Methylene Chloride	2.85	84	30236	20.205	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	25722	19.014	ug/l	84
22) Diisopropyl ether	3.87	45	97130	19.807	ug/l #	93
23) Vinyl Acetate	3.82	43	425789	99.687	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57754	20.828	ug/l	99
25) 2-Butanone	4.70	43	142997	97.682	ug/l	99
26) 2,2-Dichloropropane	4.59	77	38828	18.732	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	28740	18.907	ug/l	97
28) Bromochloromethane	5.01	49	26559	19.633	ug/l	94
29) Tetrahydrofuran	5.17	42	90799	101.621	ug/l	94
30) Chloroform	5.22	83	53824	19.854	ug/l	97
31) Cyclohexane	5.58	56	43958	18.958	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	42140	19.422	ug/l	95
36) 1,1-Dichloropropene	5.80	75	37375	18.104	ug/l	99
37) Ethyl Acetate	4.87	43	52150	19.800	ug/l	99
38) Carbon Tetrachloride	5.78	117	34623	18.563	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37680	17.501	ug/l	97
40) Benzene	6.14	78	115139	18.747	ug/l	96
41) Methacrylonitrile	5.06	41	27413	19.263	ug/l	93
42) 1,2-Dichloroethane	6.21	62	43656	19.230	ug/l	99
43) Isopropyl Acetate	6.46	43	70910	18.549	ug/l	98
44) Trichloroethene	7.21	130	26388	18.577	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29889	18.990	ug/l	97
46) Dibromomethane	7.66	93	19502	19.388	ug/l #	86
47) Bromodichloromethane	7.90	83	37214	19.724	ug/l	91
48) Methyl methacrylate	7.78	41	36570	19.765	ug/l	96
49) 1,4-Dioxane	7.76	88	16446	399.173	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	253920	97.413	ug/l	98
52) Toluene	8.79	92	65415	19.691	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	37897	18.534	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	42513	19.406	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	28523	19.770	ug/l	98
56) Ethyl methacrylate	9.18	69	41218	18.470	ug/l	97
57) 1,3-Dichloropropane	9.37	76	47690	19.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	127125	97.954	ug/l	96
59) 2-Hexanone	9.50	43	200565	94.549	ug/l	98
60) Dibromochloromethane	9.59	129	25800	18.506	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28351	19.285	ug/l	99
64) Tetrachloroethene	9.34	164	24818	19.745	ug/l	95
65) Chlorobenzene	10.14	112	70508	19.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	24389	19.487	ug/l	97
67) Ethyl Benzene	10.25	91	120715	19.347	ug/l	99
68) m/p-Xylenes	10.36	106	90943	39.225	ug/l	96
69) o-Xylene	10.70	106	43602	19.663	ug/l	97
70) Styrene	10.71	104	73274	19.895	ug/l	98
71) Bromoform	10.86	173	19395	19.126	ug/l #	98
73) Isopropylbenzene	11.02	105	119081	20.393	ug/l	99
74) N-amyl acetate	10.90	43	59356	19.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	48168	19.883	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	44201m	20.051	ug/l	
77) Bromobenzene	11.26	156	28719	19.826	ug/l	86
78) n-propylbenzene	11.36	91	144108	20.287	ug/l	96
79) 2-Chlorotoluene	11.42	91	85981	20.266	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	102295	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12777	18.727	ug/l	93
82) 4-Chlorotoluene	11.51	91	102175	20.172	ug/l	96
83) tert-Butylbenzene	11.77	119	93824	19.833	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	104074	20.787	ug/l	98
85) sec-Butylbenzene	11.94	105	121859	20.081	ug/l	97
86) p-Isopropyltoluene	12.07	119	102887	19.935	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	55027	19.647	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	55849	18.561	ug/l	97
89) n-Butylbenzene	12.39	91	95556	18.351	ug/l	97
90) Hexachloroethane	12.60	117	17414	19.018	ug/l	79
91) 1,2-Dichlorobenzene	12.40	146	55868	19.093	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11051	19.449	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35673	19.008	ug/l	99
94) Hexachlorobutadiene	13.79	225	17331	19.089	ug/l	97
95) Naphthalene	13.83	128	122995	19.928	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	37641	19.701	ug/l	99

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

