

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005857.D
 Acq On : 09 Nov 2018 13:19
 Operator : JC/MD
 Sample : VX1109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:45 AM

Quant Time: Nov 12 00:20:03 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	109569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	153296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63761	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.50	113	52049	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	179540	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.14	95	66103	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21214	21.474	ug/l	96
3) Chloromethane	1.32	50	27559	21.257	ug/l	97
4) Vinyl Chloride	1.40	62	25840	19.853	ug/l	99
5) Bromomethane	1.64	94	15642	19.639	ug/l	86
6) Chloroethane	1.73	64	17531	22.574	ug/l	98
7) Trichlorofluoromethane	1.93	101	37154	21.506	ug/l	95
8) Diethyl Ether	2.18	74	14799	21.861	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20755	20.888	ug/l	98
10) Methyl Iodide	2.51	142	22589	18.758	ug/l	98
11) Tert butyl alcohol	3.06	59	37333	103.461	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19032	19.652	ug/l	91
13) Acrolein	2.29	56	14532	97.151	ug/l	99
14) Allyl chloride	2.73	41	43831	20.264	ug/l	99
15) Acrylonitrile	3.15	53	76262	101.981	ug/l	98
16) Acetone	2.45	43	73404	108.230	ug/l	94
17) Carbon Disulfide	2.57	76	57497	19.904	ug/l	96
18) Methyl Acetate	2.78	43	40540	21.458	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	71855	21.738	ug/l	93
20) Methylene Chloride	2.85	84	21876	19.636	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	20230	19.804	ug/l	94
22) Diisopropyl ether	3.87	45	80006	21.115	ug/l	96
23) Vinyl Acetate	3.82	43	342682	105.479	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42224	20.887	ug/l	98
25) 2-Butanone	4.70	43	108337	101.604	ug/l	100
26) 2,2-Dichloropropane	4.57	77	32695	22.048	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	22670	20.099	ug/l	97
28) Bromochloromethane	5.01	49	19286	21.347	ug/l	91
29) Tetrahydrofuran	5.15	42	70340	102.742	ug/l	99
30) Chloroform	5.22	83	39460	20.232	ug/l	91
31) Cyclohexane	5.57	56	35086	19.994	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	33703	20.718	ug/l	99
36) 1,1-Dichloropropene	5.79	75	27862	18.854	ug/l	99
37) Ethyl Acetate	4.85	43	39076	20.108	ug/l	99
38) Carbon Tetrachloride	5.78	117	28867	19.512	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	30667	20.475	ug/l	97
40) Benzene	6.14	78	87389	20.285	ug/l	99
41) Methacrylonitrile	5.05	41	22014	20.964	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33323	21.595	ug/l	100
43) Isopropyl Acetate	6.46	43	55917	19.857	ug/l	98
44) Trichloroethene	7.21	130	22153	20.248	ug/l	100
45) 1,2-Dichloropropane	7.51	63	22589	21.602	ug/l #	89
46) Dibromomethane	7.66	93	14029	21.380	ug/l	99
47) Bromodichloromethane	7.90	83	26928	21.715	ug/l	98
48) Methyl methacrylate	7.77	41	27117	21.446	ug/l	99
49) 1,4-Dioxane	7.75	88	11874	435.804	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	184758	104.106	ug/l	100
52) Toluene	8.79	92	50075	20.797	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	30046	20.532	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32381	21.709	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	20580	19.178	ug/l	98
56) Ethyl methacrylate	9.18	69	30927	19.262	ug/l	99
57) 1,3-Dichloropropane	9.37	76	34981	19.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	92043	109.998	ug/l	98
59) 2-Hexanone	9.49	43	145073	92.738	ug/l	100
60) Dibromochloromethane	9.59	129	21253	18.326	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21656	18.251	ug/l	99
64) Tetrachloroethene	9.34	164	21778	18.758	ug/l	99
65) Chlorobenzene	10.14	112	56109	20.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20636	21.728	ug/l	99
67) Ethyl Benzene	10.25	91	94095	21.480	ug/l	99
68) m/p-Xylenes	10.36	106	73915	44.236	ug/l	99
69) o-Xylene	10.70	106	34592	23.087	ug/l	98
70) Styrene	10.71	104	58008	23.469	ug/l	99
71) Bromoform	10.86	173	17703	22.235	ug/l #	98
73) Isopropylbenzene	11.02	105	95411	22.296	ug/l	99
74) N-amyl acetate	10.90	43	46531	20.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33381	21.253	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	33108m	21.973	ug/l	
77) Bromobenzene	11.26	156	25334	21.004	ug/l	98
78) n-propylbenzene	11.36	91	110656	21.942	ug/l	99
79) 2-Chlorotoluene	11.42	91	66452	21.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	81649	22.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9846	20.827	ug/l	96
82) 4-Chlorotoluene	11.51	91	79208	22.048	ug/l	99
83) tert-Butylbenzene	11.77	119	79866	21.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	83772	20.804	ug/l	100
85) sec-Butylbenzene	11.94	105	96711	21.497	ug/l	100
86) p-Isopropyltoluene	12.07	119	87142	21.868	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	46790	20.214	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	48061	20.282	ug/l	99
89) n-Butylbenzene	12.39	91	74396	20.144	ug/l	99
90) Hexachloroethane	12.60	117	14363	21.589	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	46853	20.205	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8005	20.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33926	20.783	ug/l	100
94) Hexachlorobutadiene	13.78	225	17182	20.037	ug/l	99
95) Naphthalene	13.83	128	102752	20.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34881	20.974	ug/l	99

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

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