

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010808.D
 Acq On : 11 Jul 2019 15:37
 Operator : JC/SP
 Sample : VX0711WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 1:10:32 PM

Quant Time: Jul 12 07:25:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108804	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.30%		
35) Dibromofluoromethane	5.50	113	102215	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.58%		
50) Toluene-d8	8.71	98	375520	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.58%		
62) 4-Bromofluorobenzene	11.13	95	138454	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.64%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34684	22.634	ug/l	100
3) Chloromethane	1.33	50	36588	20.505	ug/l	98
4) Vinyl Chloride	1.41	62	39761	20.344	ug/l	99
5) Bromomethane	1.64	94	23782	24.977	ug/l	100
6) Chloroethane	1.72	64	25755	22.336	ug/l	97
7) Trichlorofluoromethane	1.93	101	66437	21.444	ug/l	97
8) Diethyl Ether	2.19	74	23955	21.560	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39397	20.983	ug/l	98
10) Methyl Iodide	2.51	142	48577	18.129	ug/l	95
11) Tert butyl alcohol	3.05	59	48832	90.302	ug/l	97
12) 1,1-Dichloroethene	2.37	96	38340	20.068	ug/l	98
13) Acrolein	2.29	56	27074	75.472	ug/l	100
14) Allyl chloride	2.73	41	56496	20.829	ug/l	98
15) Acrylonitrile	3.14	53	113127	105.662	ug/l	99
16) Acetone	2.45	43	97190	93.838	ug/l	99
17) Carbon Disulfide	2.57	76	85219	16.626	ug/l	100
18) Methyl Acetate	2.78	43	45345	21.967	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	125670	20.909	ug/l	97
20) Methylene Chloride	2.85	84	43783	20.541	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	41169	20.036	ug/l	97
22) Diisopropyl ether	3.85	45	120212	21.198	ug/l	98
23) Vinyl Acetate	3.82	43	515859	105.297	ug/l	98
24) 1,1-Dichloroethane	3.70	63	68915	21.023	ug/l	99
25) 2-Butanone	4.67	43	152745	100.539	ug/l	96
26) 2,2-Dichloropropane	4.59	77	51571	18.110	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47017	19.801	ug/l	96
28) Bromochloromethane	5.01	49	29747	18.980	ug/l	96
29) Tetrahydrofuran	5.13	42	98492	104.662	ug/l	99
30) Chloroform	5.21	83	73851	20.939	ug/l	99
31) Cyclohexane	5.58	56	61194	20.500	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	61765	19.833	ug/l	99
36) 1,1-Dichloropropene	5.81	75	52651	19.946	ug/l	98
37) Ethyl Acetate	4.84	43	58086	21.390	ug/l	98
38) Carbon Tetrachloride	5.79	117	53156	18.596	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66948	19.294	ug/l	96
40) Benzene	6.14	78	167555	20.374	ug/l	98
41) Methacrylonitrile	5.04	41	30811	20.678	ug/l	97
42) 1,2-Dichloroethane	6.20	62	56143	22.427	ug/l	98
43) Isopropyl Acetate	6.45	43	89719	19.969	ug/l	99
44) Trichloroethene	7.21	130	48753	19.812	ug/l	96
45) 1,2-Dichloropropane	7.51	63	42594	20.510	ug/l	95
46) Dibromomethane	7.66	93	29919	20.079	ug/l	98
47) Bromodichloromethane	7.90	83	50662	18.553	ug/l	98
48) Methyl methacrylate	7.77	41	43279	20.724	ug/l	98
49) 1,4-Dioxane	7.74	88	24511	407.424	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	307746	107.097	ug/l	98
52) Toluene	8.78	92	108414	20.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52833	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61692	18.543	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	45392	20.323	ug/l	99
56) Ethyl methacrylate	9.18	69	67122	19.838	ug/l	95
57) 1,3-Dichloropropane	9.37	76	71266	20.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	151116	94.039	ug/l	100
59) 2-Hexanone	9.49	43	237243	104.902	ug/l	98
60) Dibromochloromethane	9.58	129	44138	17.649	ug/l	98
61) 1,2-Dibromoethane	9.67	107	47224	19.588	ug/l	98
64) Tetrachloroethene	9.34	164	48744	19.791	ug/l	99
65) Chlorobenzene	10.14	112	121808	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	41891	18.603	ug/l	99
67) Ethyl Benzene	10.25	91	207334	19.866	ug/l	100
68) m/p-Xylenes	10.36	106	160784	39.759	ug/l	99
69) o-Xylene	10.69	106	78847	19.827	ug/l	100
70) Styrene	10.71	104	133490	20.016	ug/l	99
71) Bromoform	10.85	173	31253	15.960	ug/l #	99
73) Isopropylbenzene	11.02	105	209517	19.719	ug/l	99
74) N-amyl acetate	10.90	43	80109	19.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	70792	20.118	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	57066m	19.979	ug/l	
77) Bromobenzene	11.26	156	56871	19.169	ug/l	98
78) n-propylbenzene	11.36	91	231897	19.859	ug/l	98
79) 2-Chlorotoluene	11.42	91	137583	19.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173719	19.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17582	14.361	ug/l #	84
82) 4-Chlorotoluene	11.51	91	159324	20.136	ug/l	99
83) tert-Butylbenzene	11.77	119	170157	19.355	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	176859	20.097	ug/l	99
85) sec-Butylbenzene	11.94	105	206212	19.977	ug/l	99
86) p-Isopropyltoluene	12.06	119	186674	19.552	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	99550	19.223	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100974	19.152	ug/l	99
89) n-Butylbenzene	12.38	91	156712	19.316	ug/l	100
90) Hexachloroethane	12.60	117	26093	15.805	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100582	19.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13917	18.344	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	67371	18.875	ug/l	98
94) Hexachlorobutadiene	13.78	225	33356	19.121	ug/l	98
95) Naphthalene	13.83	128	205532	18.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66685	18.790	ug/l	98

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

