

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013310.D
 Acq On : 01 Nov 2019 14:44
 Operator : JC/SP
 Sample : VX1101WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 1:30:15 PM

Quant Time: Nov 04 01:20:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	718062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1094396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	992488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	493114	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	421226	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.48	113	340855	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	1302696	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	452579	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	179186	21.658	ug/l	98
3) Chloromethane	1.31	50	196153	21.863	ug/l	98
4) Vinyl Chloride	1.40	62	224041	21.934	ug/l	99
5) Bromomethane	1.62	94	135536	19.041	ug/l	98
6) Chloroethane	1.72	64	125842	20.858	ug/l	97
7) Trichlorofluoromethane	1.92	101	243961	20.216	ug/l	100
8) Diethyl Ether	2.18	74	112995	21.174	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138674	20.617	ug/l	98
10) Methyl Iodide	2.50	142	170298	20.450	ug/l	98
11) Tert butyl alcohol	3.03	59	212065	94.580	ug/l	99
12) 1,1-Dichloroethene	2.36	96	138507	21.028	ug/l	93
13) Acrolein	2.28	56	109282	89.930	ug/l	96
14) Allyl chloride	2.72	41	245874	20.545	ug/l	99
15) Acrylonitrile	3.13	53	432823	103.341	ug/l	99
16) Acetone	2.43	43	410505	96.746	ug/l	98
17) Carbon Disulfide	2.56	76	364750	20.690	ug/l	98
18) Methyl Acetate	2.76	43	243467	20.784	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	462384	21.047	ug/l	98
20) Methylene Chloride	2.84	84	162099	20.677	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	150581	20.997	ug/l	99
22) Diisopropyl ether	3.84	45	501727	21.715	ug/l #	88
23) Vinyl Acetate	3.80	43	2069525	104.675	ug/l	100
24) 1,1-Dichloroethane	3.69	63	274966	21.274	ug/l	99
25) 2-Butanone	4.65	43	630591	101.304	ug/l	98
26) 2,2-Dichloropropane	4.57	77	198477	19.303	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	169980	21.158	ug/l	99
28) Bromochloromethane	5.00	49	78980	21.521	ug/l	97
29) Tetrahydrofuran	5.11	42	398048	103.768	ug/l	100
30) Chloroform	5.20	83	270326	21.181	ug/l	96
31) Cyclohexane	5.57	56	243312	20.920	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	226825	20.651	ug/l	99
36) 1,1-Dichloropropene	5.79	75	201213	21.432	ug/l	99
37) Ethyl Acetate	4.82	43	235752	20.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	193059	21.028	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	244601	20.909	ug/l	97
40) Benzene	6.13	78	616093	21.066	ug/l	98
41) Methacrylonitrile	5.03	41	130601	20.085	ug/l	99
42) 1,2-Dichloroethane	6.18	62	223614	21.198	ug/l	100
43) Isopropyl Acetate	6.43	43	372932	20.644	ug/l	99
44) Trichloroethene	7.20	130	164251	20.403	ug/l	96
45) 1,2-Dichloropropane	7.51	63	159821	21.448	ug/l	98
46) Dibromomethane	7.65	93	103260	20.296	ug/l	97
47) Bromodichloromethane	7.89	83	206620	21.537	ug/l	93
48) Methyl methacrylate	7.76	41	188649	20.920	ug/l	99
49) 1,4-Dioxane	7.73	88	82328	398.656	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1226174	103.455	ug/l	99
52) Toluene	8.78	92	386526	21.325	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213539	20.355	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239973	20.449	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	159429	21.220	ug/l	96
56) Ethyl methacrylate	9.17	69	243711	19.970	ug/l	98
57) 1,3-Dichloropropane	9.37	76	267953	21.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	511487	99.569	ug/l	99
59) 2-Hexanone	9.48	43	933403	101.910	ug/l	100
60) Dibromochloromethane	9.57	129	158640	20.646	ug/l	100
61) 1,2-Dibromoethane	9.67	107	169721	21.274	ug/l	99
64) Tetrachloroethene	9.33	164	150550	21.190	ug/l	96
65) Chlorobenzene	10.14	112	417258	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	153478	20.803	ug/l	99
67) Ethyl Benzene	10.24	91	735701	21.215	ug/l	100
68) m/p-Xylenes	10.35	106	557016	42.471	ug/l	99
69) o-Xylene	10.70	106	267916	20.865	ug/l	98
70) Styrene	10.71	104	456388	21.263	ug/l	100
71) Bromoform	10.85	173	117040	19.216	ug/l #	98
73) Isopropylbenzene	11.01	105	719431	22.005	ug/l	100
74) N-amyl acetate	10.89	43	324906	21.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252402	21.162	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	200440m	20.012	ug/l	
77) Bromobenzene	11.25	156	190291	21.833	ug/l	98
78) n-propylbenzene	11.35	91	799550	21.954	ug/l	99
79) 2-Chlorotoluene	11.42	91	476596	21.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	603041	22.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73221	18.817	ug/l	94
82) 4-Chlorotoluene	11.51	91	550710	21.440	ug/l	100
83) tert-Butylbenzene	11.77	119	598891	21.847	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	612296	22.413	ug/l	100
85) sec-Butylbenzene	11.94	105	685202	21.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	640172	22.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	318791	20.519	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	332204	20.987	ug/l	99
89) n-Butylbenzene	12.38	91	527265	20.828	ug/l	99
90) Hexachloroethane	12.59	117	106303	20.565	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	328141	21.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53933	18.560	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	221357	20.434	ug/l	99
94) Hexachlorobutadiene	13.77	225	107501	20.284	ug/l	99
95) Naphthalene	13.83	128	720130	21.188	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228046	20.991	ug/l	100

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

