

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014026.D
 Acq On : 16 Dec 2019 11:44
 Operator : JC/SP
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Manual Integrations
 APPROVED

apatel
 12/17/2019 4:50:11 PM

Quant Time: Dec 17 03:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	380675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	310445	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	246203	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	951476	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.13	95	334694	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	91753	18.232	ug/l 97
3) Chloromethane	1.32	50	124665	18.458	ug/l 99
4) Vinyl Chloride	1.40	62	128912	18.089	ug/l 99
5) Bromomethane	1.63	94	85504	16.905	ug/l 100
6) Chloroethane	1.71	64	81834	18.605	ug/l 95
7) Trichlorofluoromethane	1.92	101	161338	18.288	ug/l 99
8) Diethyl Ether	2.18	74	77003	18.598	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98705	18.561	ug/l 99
10) Methyl Iodide	2.50	142	123283	19.279	ug/l 100
11) Tert butyl alcohol	3.03	59	124306	90.233	ug/l 98
12) 1,1-Dichloroethene	2.36	96	99449	18.378	ug/l 100
13) Acrolein	2.28	56	98653	125.101	ug/l 97
14) Allyl chloride	2.72	41	177726	18.395	ug/l 99
15) Acrylonitrile	3.13	53	303190	94.292	ug/l 98
16) Acetone	2.43	43	369147	89.185	ug/l 99
17) Carbon Disulfide	2.56	76	267040	18.260	ug/l 99
18) Methyl Acetate	2.76	43	153866	18.760	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	339493	19.093	ug/l 100
20) Methylene Chloride	2.84	84	117194	17.980	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	105633	17.719	ug/l 98
22) Diisopropyl ether	3.84	45	369627	19.198	ug/l 95
23) Vinyl Acetate	3.80	43	1564001	99.544	ug/l 100
24) 1,1-Dichloroethane	3.69	63	193568	18.071	ug/l 100
25) 2-Butanone	4.65	43	467407	91.594	ug/l 99
26) 2,2-Dichloropropane	4.57	77	154041	18.522	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	126036	18.694	ug/l 98
28) Bromochloromethane	5.00	49	78910	19.435	ug/l 99
29) Tetrahydrofuran	5.11	42	274569	96.196	ug/l 99
30) Chloroform	5.20	83	187563	18.471	ug/l 99
31) Cyclohexane	5.57	56	179105	18.800	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	158811	18.350	ug/l 99
36) 1,1-Dichloropropene	5.79	75	142976	18.251	ug/l 100
37) Ethyl Acetate	4.81	43	165842	19.171	ug/l 99
38) Carbon Tetrachloride	5.77	117	133441	18.698	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	180022	18.611	ug/l	97
40) Benzene	6.13	78	441776	18.328	ug/l	98
41) Methacrylonitrile	5.02	41	93263	19.430	ug/l	97
42) 1,2-Dichloroethane	6.18	62	155567	19.040	ug/l	97
43) Isopropyl Acetate	6.43	43	273256	19.087	ug/l	99
44) Trichloroethene	7.20	130	117057	17.582	ug/l	96
45) 1,2-Dichloropropane	7.50	63	115998	18.776	ug/l	92
46) Dibromomethane	7.65	93	75917	18.586	ug/l	99
47) Bromodichloromethane	7.89	83	145737	18.945	ug/l	95
48) Methyl methacrylate	7.76	41	135957	19.393	ug/l	98
49) 1,4-Dioxane	7.73	88	54223	380.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	853751	94.955	ug/l	99
52) Toluene	8.78	92	278108	18.254	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	158791	18.825	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	181955	19.362	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	114381	18.732	ug/l	98
56) Ethyl methacrylate	9.17	69	181208	18.892	ug/l	99
57) 1,3-Dichloropropane	9.36	76	196366	19.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	365633	100.729	ug/l	99
59) 2-Hexanone	9.48	43	673714	93.081	ug/l	99
60) Dibromochloromethane	9.57	129	116230	19.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117618	18.826	ug/l	98
64) Tetrachloroethene	9.33	164	118133	17.286	ug/l	98
65) Chlorobenzene	10.13	112	295934	18.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110794	18.896	ug/l	97
67) Ethyl Benzene	10.25	91	521687	18.478	ug/l	100
68) m/p-Xylenes	10.35	106	401772	37.000	ug/l	100
69) o-Xylene	10.70	106	193492	18.169	ug/l	99
70) Styrene	10.71	104	325520	18.076	ug/l	99
71) Bromoform	10.85	173	86099	18.267	ug/l #	97
73) Isopropylbenzene	11.01	105	509333	19.003	ug/l	100
74) N-amyl acetate	10.89	43	236944	18.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176047	18.946	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	169403m	20.498	ug/l	
77) Bromobenzene	11.25	156	132174	17.924	ug/l	99
78) n-propylbenzene	11.35	91	575697	19.149	ug/l	100
79) 2-Chlorotoluene	11.42	91	340152	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	426409	18.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55042	18.798	ug/l	95
82) 4-Chlorotoluene	11.51	91	392040	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	419603	19.115	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	432113	19.129	ug/l	99
85) sec-Butylbenzene	11.94	105	492513	19.005	ug/l	100
86) p-Isopropyltoluene	12.06	119	450764	19.016	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	231364	17.901	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	232969	17.728	ug/l	99
89) n-Butylbenzene	12.39	91	378338	18.705	ug/l	100
90) Hexachloroethane	12.59	117	78717	18.488	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234209	18.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37409	18.192	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152782	18.067	ug/l	100
94) Hexachlorobutadiene	13.78	225	74640	18.366	ug/l	97
95) Naphthalene	13.83	128	458435	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150935	18.081	ug/l	98

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

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