

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013669.D
 Acq On : 27 Nov 2019 22:51
 Operator : JC/SP
 Sample : VX1127WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS03

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:05 PM

Quant Time: Nov 28 04:41:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1008885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	902149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	362312	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.49	113	300545	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1161383	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.14	95	409490	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	149540	20.474	ug/l	99
3) Chloromethane	1.32	50	165451	20.189	ug/l	99
4) Vinyl Chloride	1.40	62	194037	21.036	ug/l	98
5) Bromomethane	1.63	94	111249	17.959	ug/l	97
6) Chloroethane	1.72	64	103914	19.797	ug/l	98
7) Trichlorofluoromethane	1.92	101	201560	19.679	ug/l	98
8) Diethyl Ether	2.18	74	95956	20.708	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122964	19.655	ug/l	98
10) Methyl Iodide	2.50	142	119898	15.843	ug/l	99
11) Tert butyl alcohol	3.03	59	185001	98.400	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125054	20.025	ug/l	99
13) Acrolein	2.28	56	99791	83.464	ug/l	97
14) Allyl chloride	2.72	41	218064	19.242	ug/l	99
15) Acrylonitrile	3.13	53	403177	103.889	ug/l	99
16) Acetone	2.43	43	354936	94.384	ug/l	97
17) Carbon Disulfide	2.56	76	322222	18.100	ug/l	99
18) Methyl Acetate	2.76	43	229840	21.949	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	413115	19.969	ug/l	98
20) Methylene Chloride	2.85	84	144978	20.067	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	132391	19.461	ug/l	99
22) Diisopropyl ether	3.84	45	438734	20.106	ug/l	94
23) Vinyl Acetate	3.80	43	1804917	99.427	ug/l	99
24) 1,1-Dichloroethane	3.69	63	240901	20.195	ug/l	98
25) 2-Butanone	4.66	43	567371	101.518	ug/l	98
26) 2,2-Dichloropropane	4.58	77	158726	16.082	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	153864	19.695	ug/l	97
28) Bromochloromethane	5.01	49	90717	19.236	ug/l	100
29) Tetrahydrofuran	5.12	42	365566	106.103	ug/l	99
30) Chloroform	5.20	83	232645	19.230	ug/l	96
31) Cyclohexane	5.58	56	214104	19.029	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	194698	19.258	ug/l	100
36) 1,1-Dichloropropene	5.79	75	173996	18.999	ug/l	98
37) Ethyl Acetate	4.82	43	217305	21.151	ug/l	100
38) Carbon Tetrachloride	5.77	117	163373	19.346	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210544	18.599	ug/l	97
40) Benzene	6.14	78	545816	19.568	ug/l	100
41) Methacrylonitrile	5.03	41	116962	20.758	ug/l	99
42) 1,2-Dichloroethane	6.18	62	186328	19.588	ug/l	99
43) Isopropyl Acetate	6.43	43	336061	19.868	ug/l	99
44) Trichloroethene	7.21	130	145611	19.022	ug/l	99
45) 1,2-Dichloropropane	7.51	63	140516	20.135	ug/l	99
46) Dibromomethane	7.65	93	89465	18.875	ug/l	97
47) Bromodichloromethane	7.89	83	173653	19.380	ug/l	96
48) Methyl methacrylate	7.76	41	168593	20.514	ug/l	99
49) 1,4-Dioxane	7.73	88	73897	401.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1100049	103.393	ug/l	100
52) Toluene	8.78	92	344010	19.853	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	186835	18.319	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209901	18.838	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	137254	19.656	ug/l	98
56) Ethyl methacrylate	9.17	69	222468	19.816	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236700	19.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	439995	99.960	ug/l	100
59) 2-Hexanone	9.48	43	842175	101.491	ug/l	99
60) Dibromochloromethane	9.58	129	137869	19.025	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146920	19.700	ug/l	100
64) Tetrachloroethene	9.33	164	138143	20.534	ug/l	99
65) Chlorobenzene	10.14	112	371295	19.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129906	19.314	ug/l	97
67) Ethyl Benzene	10.25	91	641706	19.937	ug/l	100
68) m/p-Xylenes	10.35	106	487700	39.577	ug/l	99
69) o-Xylene	10.70	106	235891	19.628	ug/l	97
70) Styrene	10.71	104	401087	19.839	ug/l	100
71) Bromoform	10.85	173	105663	18.987	ug/l #	100
73) Isopropylbenzene	11.01	105	627647	20.265	ug/l	100
74) N-amyl acetate	10.89	43	284679	20.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	223239	20.784	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	174959m	17.618	ug/l	
77) Bromobenzene	11.25	156	163946	19.594	ug/l	99
78) n-propylbenzene	11.35	91	694941	20.100	ug/l	98
79) 2-Chlorotoluene	11.42	91	419430	20.223	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	517377	20.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63695	17.547	ug/l	96
82) 4-Chlorotoluene	11.51	91	480385	19.998	ug/l	99
83) tert-Butylbenzene	11.77	119	516830	20.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	527203	20.464	ug/l	99
85) sec-Butylbenzene	11.94	105	596487	20.242	ug/l	100
86) p-Isopropyltoluene	12.06	119	547972	19.989	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	284311	19.493	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	284210	19.131	ug/l	99
89) n-Butylbenzene	12.38	91	450221	19.256	ug/l	99
90) Hexachloroethane	12.59	117	94173	19.006	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	287840	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46500	19.880	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	186229	18.542	ug/l	99
94) Hexachlorobutadiene	13.78	225	89150	18.478	ug/l	98
95) Naphthalene	13.83	128	604631	20.215	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	190461	19.153	ug/l	99

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

