

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014165.D
 Acq On : 20 Dec 2019 11:36
 Operator : JC/SP
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Manual Integrations
 APPROVED

apatel
 12/23/2019 10:25:04 AM

Quant Time: Dec 20 23:26:25 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	682101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1021152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	918777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	386941	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	321289	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.71	98	1243555	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	445798	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115610	18.945	ug/l	97
3) Chloromethane	1.32	50	149454	18.250	ug/l	98
4) Vinyl Chloride	1.40	62	162956	18.858	ug/l	99
5) Bromomethane	1.63	94	107705	17.561	ug/l	99
6) Chloroethane	1.72	64	105945	19.865	ug/l	94
7) Trichlorofluoromethane	1.92	101	214199	20.024	ug/l	98
8) Diethyl Ether	2.18	74	97055	19.332	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130305	20.208	ug/l	99
10) Methyl Iodide	2.50	142	128645	16.956	ug/l	99
11) Tert butyl alcohol	3.02	59	156332	93.588	ug/l	99
12) 1,1-Dichloroethene	2.36	96	124767	19.015	ug/l	98
13) Acrolein	2.28	56	100236	104.827	ug/l	98
14) Allyl chloride	2.72	41	224303	19.146	ug/l	98
15) Acrylonitrile	3.12	53	374989	96.179	ug/l	100
16) Acetone	2.43	43	365385	72.802	ug/l	100
17) Carbon Disulfide	2.56	76	338943	19.078	ug/l	100
18) Methyl Acetate	2.76	43	190607	19.166	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	431601	20.018	ug/l	98
20) Methylene Chloride	2.84	84	150439	19.035	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	136173	18.838	ug/l	98
22) Diisopropyl ether	3.84	45	465728	19.950	ug/l	96
23) Vinyl Acetate	3.80	43	1977797	103.815	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251102	19.333	ug/l	100
25) 2-Butanone	4.65	43	543150	87.779	ug/l	100
26) 2,2-Dichloropropane	4.57	77	202692	20.100	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	159147	19.467	ug/l	99
28) Bromochloromethane	5.00	49	101627	20.614	ug/l	99
29) Tetrahydrofuran	5.11	42	336944	97.357	ug/l	99
30) Chloroform	5.20	83	244654	19.870	ug/l	99
31) Cyclohexane	5.57	56	230099	19.919	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	207397	19.764	ug/l	99
36) 1,1-Dichloropropene	5.79	75	187049	19.963	ug/l	97
37) Ethyl Acetate	4.81	43	202444	19.566	ug/l	98
38) Carbon Tetrachloride	5.78	117	174890	20.489	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	236036	20.402	ug/l	98
40) Benzene	6.13	78	574035	19.912	ug/l	96
41) Methacrylonitrile	5.02	41	116130	20.229	ug/l	97
42) 1,2-Dichloroethane	6.18	62	196557	20.113	ug/l	99
43) Isopropyl Acetate	6.43	43	341538	19.946	ug/l	99
44) Trichloroethene	7.20	130	160455	20.150	ug/l	98
45) 1,2-Dichloropropane	7.50	63	150152	20.320	ug/l	99
46) Dibromomethane	7.65	93	95516	19.551	ug/l	99
47) Bromodichloromethane	7.89	83	185666	20.179	ug/l	96
48) Methyl methacrylate	7.76	41	164781	19.652	ug/l	100
49) 1,4-Dioxane	7.73	88	71207	417.310	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1053736	97.988	ug/l	99
52) Toluene	8.78	92	361480	19.837	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	207797	20.597	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	232236	20.662	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143957	19.711	ug/l	98
56) Ethyl methacrylate	9.17	69	228014	19.875	ug/l	99
57) 1,3-Dichloropropane	9.36	76	246504	20.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	455135	104.834	ug/l	98
59) 2-Hexanone	9.48	43	803338	92.798	ug/l	100
60) Dibromochloromethane	9.57	129	150051	20.670	ug/l	99
61) 1,2-Dibromoethane	9.67	107	152578	20.419	ug/l	99
64) Tetrachloroethene	9.33	164	157825	19.413	ug/l	98
65) Chlorobenzene	10.13	112	390235	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	144165	20.668	ug/l	98
67) Ethyl Benzene	10.25	91	689827	20.539	ug/l	99
68) m/p-Xylenes	10.35	106	530062	41.034	ug/l	100
69) o-Xylene	10.70	106	253753	20.029	ug/l	98
70) Styrene	10.71	104	430933	20.115	ug/l	98
71) Bromoform	10.85	173	111290	19.849	ug/l #	100
73) Isopropylbenzene	11.01	105	678433	20.656	ug/l	100
74) N-amyl acetate	10.89	43	297128	19.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	221235	19.429	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	182560m	18.026	ug/l	
77) Bromobenzene	11.25	156	180107	19.931	ug/l	95
78) n-propylbenzene	11.35	91	770239	20.907	ug/l	100
79) 2-Chlorotoluene	11.42	91	459476	20.517	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	573554	20.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69518	19.375	ug/l	98
82) 4-Chlorotoluene	11.51	91	526282	20.260	ug/l	99
83) tert-Butylbenzene	11.76	119	562717	20.919	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	571293	20.638	ug/l	100
85) sec-Butylbenzene	11.94	105	659765	20.776	ug/l	100
86) p-Isopropyltoluene	12.06	119	611008	21.034	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	315348	19.911	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	314906	19.555	ug/l	98
89) n-Butylbenzene	12.39	91	526259	21.232	ug/l	99
90) Hexachloroethane	12.59	117	104278	19.986	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	314293	19.713	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45702	18.137	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215739	20.820	ug/l	98
94) Hexachlorobutadiene	13.78	225	104183	20.920	ug/l	96
95) Naphthalene	13.83	128	627355	20.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210277	20.557	ug/l	96

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

