

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013617.D
 Acq On : 26 Nov 2019 23:12
 Operator : JC/SP
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:47:14 PM

Quant Time: Nov 27 04:43:15 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	688039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1063843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	950941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	468280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	372392	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	5.49	113	307388	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1187501	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.13	95	413282	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155527	20.308	ug/l	100
3) Chloromethane	1.32	50	167531	19.496	ug/l	99
4) Vinyl Chloride	1.40	62	194435	20.103	ug/l	97
5) Bromomethane	1.63	94	117364	18.069	ug/l	99
6) Chloroethane	1.72	64	104490	18.985	ug/l	97
7) Trichlorofluoromethane	1.92	101	205618	19.146	ug/l	99
8) Diethyl Ether	2.18	74	95604	19.677	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123501	18.827	ug/l	97
10) Methyl Iodide	2.50	142	138387	17.440	ug/l	98
11) Tert butyl alcohol	3.03	59	185867	94.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127458	19.466	ug/l	99
13) Acrolein	2.28	56	112630	89.383	ug/l	97
14) Allyl chloride	2.72	41	219308	18.456	ug/l	98
15) Acrylonitrile	3.13	53	393426	96.684	ug/l	99
16) Acetone	2.43	43	343109	87.016	ug/l	99
17) Carbon Disulfide	2.56	76	333929	17.890	ug/l	99
18) Methyl Acetate	2.76	43	225372	20.526	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	422938	19.498	ug/l	97
20) Methylene Chloride	2.85	84	139140	18.368	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	133714	18.745	ug/l	99
22) Diisopropyl ether	3.84	45	452166	19.762	ug/l	94
23) Vinyl Acetate	3.80	43	1826373	95.952	ug/l	98
24) 1,1-Dichloroethane	3.69	63	241905	19.340	ug/l	99
25) 2-Butanone	4.66	43	556101	94.895	ug/l	98
26) 2,2-Dichloropropane	4.57	77	171611	16.583	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154508	18.861	ug/l	99
28) Bromochloromethane	5.00	49	97058	19.628	ug/l	98
29) Tetrahydrofuran	5.11	42	353521	97.858	ug/l	98
30) Chloroform	5.20	83	238233	18.780	ug/l	97
31) Cyclohexane	5.57	56	218369	18.510	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	203863	19.231	ug/l	99
36) 1,1-Dichloropropene	5.79	75	176624	18.290	ug/l	98
37) Ethyl Acetate	4.82	43	208541	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	170976	19.201	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219655	18.401	ug/l	95
40) Benzene	6.14	78	557342	18.949	ug/l	99
41) Methacrylonitrile	5.03	41	115104	19.373	ug/l	98
42) 1,2-Dichloroethane	6.18	62	194841	19.424	ug/l	99
43) Isopropyl Acetate	6.43	43	341060	19.122	ug/l	100
44) Trichloroethene	7.21	130	151103	18.719	ug/l	100
45) 1,2-Dichloropropane	7.51	63	140827	19.137	ug/l	99
46) Dibromomethane	7.65	93	93610	18.730	ug/l	99
47) Bromodichloromethane	7.89	83	176803	18.712	ug/l	98
48) Methyl methacrylate	7.76	41	165922	19.146	ug/l	97
49) 1,4-Dioxane	7.73	88	75063	386.968	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087967	96.975	ug/l	100
52) Toluene	8.78	92	348256	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193765	18.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	217796	18.536	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	139949	19.006	ug/l	98
56) Ethyl methacrylate	9.17	69	225773	19.072	ug/l	98
57) 1,3-Dichloropropane	9.37	76	235645	18.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	446815	96.266	ug/l	99
59) 2-Hexanone	9.48	43	828500	94.685	ug/l	99
60) Dibromochloromethane	9.57	129	144782	18.947	ug/l	99
61) 1,2-Dibromoethane	9.67	107	151371	19.248	ug/l	98
64) Tetrachloroethene	9.33	164	137178	19.344	ug/l	98
65) Chlorobenzene	10.14	112	373214	18.903	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	137630	19.413	ug/l	99
67) Ethyl Benzene	10.25	91	661870	19.509	ug/l	98
68) m/p-Xylenes	10.35	106	496554	38.228	ug/l	98
69) o-Xylene	10.70	106	241243	19.043	ug/l	97
70) Styrene	10.71	104	409392	19.211	ug/l	100
71) Bromoform	10.85	173	108452	18.488	ug/l #	100
73) Isopropylbenzene	11.01	105	639415	19.466	ug/l	99
74) N-amyl acetate	10.89	43	293291	19.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	225075	19.758	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	179030m	16.998	ug/l	
77) Bromobenzene	11.25	156	169986	19.155	ug/l	98
78) n-propylbenzene	11.35	91	711356	19.400	ug/l	100
79) 2-Chlorotoluene	11.42	91	428185	19.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528589	19.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63460	16.484	ug/l	90
82) 4-Chlorotoluene	11.51	91	483946	18.996	ug/l	99
83) tert-Butylbenzene	11.77	119	530254	19.380	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	536538	19.637	ug/l	99
85) sec-Butylbenzene	11.94	105	611272	19.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	555862	19.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292631	18.917	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	289956	18.403	ug/l	98
89) n-Butylbenzene	12.38	91	454468	18.328	ug/l	100
90) Hexachloroethane	12.59	117	97298	18.515	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	294267	19.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45728	18.434	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	192398	18.063	ug/l	99
94) Hexachlorobutadiene	13.77	225	91534	17.889	ug/l	98
95) Naphthalene	13.83	128	611489	19.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	194039	18.398	ug/l	98

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

