

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013971.D
 Acq On : 12 Dec 2019 13:28
 Operator : JC/SP
 Sample : VX1212WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:18 AM

Quant Time: Dec 13 03:05:25 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	5.64	168	504064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	749014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	667628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	315963	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
35) Dibromofluoromethane	5.48	113	261760	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
50) Toluene-d8	8.71	98	990006	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	11.14	95	362272	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	99676	17.766	ug/l	96
3) Chloromethane	1.31	50	116759	18.547	ug/l	99
4) Vinyl Chloride	1.40	62	124544	17.577	ug/l	97
5) Bromomethane	1.62	94	99477	20.905	ug/l	99
6) Chloroethane	1.70	64	63410	15.726	ug/l	98
7) Trichlorofluoromethane	1.87	101	139593	17.742	ug/l	97
8) Diethyl Ether	2.19	74	69416	19.501	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	91597	19.060	ug/l	99
10) Methyl Iodide	2.48	142	90487	15.565	ug/l	99
11) Tert butyl alcohol	3.01	59	9460	6.550	ug/l #	74
12) 1,1-Dichloroethene	2.34	96	89127	18.580	ug/l	96
13) Acrolein	2.29	56	72748	79.515	ug/l	98
14) Allyl chloride	2.70	41	155038	17.809	ug/l	98
15) Acrylonitrile	3.15	53	267624	89.772	ug/l	99
16) Acetone	2.46	43	288691	99.937	ug/l	100
17) Carbon Disulfide	2.53	76	192791	14.098	ug/l	100
18) Methyl Acetate	2.77	43	164587	20.461	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312876	19.688	ug/l	98
20) Methylene Chloride	2.84	84	114958	20.714	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94774	18.136	ug/l	95
22) Diisopropyl ether	3.86	45	339993	20.283	ug/l	95
23) Vinyl Acetate	3.80	43	1326689	95.139	ug/l	99
24) 1,1-Dichloroethane	3.67	63	183748	20.052	ug/l	99
25) 2-Butanone	4.69	43	386924	90.125	ug/l	98
26) 2,2-Dichloropropane	4.56	77	142004	18.730	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113674	18.941	ug/l	99
28) Bromochloromethane	4.99	49	77896	21.504	ug/l	100
29) Tetrahydrofuran	5.13	42	231766	87.570	ug/l	99
30) Chloroform	5.20	83	177337	19.082	ug/l	100
31) Cyclohexane	5.55	56	155877	18.035	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	144111	18.557	ug/l	99
36) 1,1-Dichloropropene	5.78	75	129527	19.050	ug/l	98
37) Ethyl Acetate	4.83	43	143545	18.819	ug/l	99
38) Carbon Tetrachloride	5.76	117	120262	19.182	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160229	19.065	ug/l	97
40) Benzene	6.12	78	406686	19.639	ug/l	97
41) Methacrylonitrile	5.04	41	72716	17.383	ug/l	93
42) 1,2-Dichloroethane	6.18	62	146110	20.689	ug/l	99
43) Isopropyl Acetate	6.44	43	228395	18.188	ug/l	99
44) Trichloroethene	7.20	130	107405	18.899	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105168	20.298	ug/l	95
46) Dibromomethane	7.65	93	65814	18.703	ug/l	99
47) Bromodichloromethane	7.89	83	124110	18.657	ug/l	98
48) Methyl methacrylate	7.77	41	113962	18.678	ug/l	98
49) 1,4-Dioxane	7.76	88	43401	317.787	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	737935	93.422	ug/l	98
52) Toluene	8.78	92	253398	19.697	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135605	17.909	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159827	19.320	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104820	20.219	ug/l	99
56) Ethyl methacrylate	9.18	69	154891	18.583	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179991	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325017	99.457	ug/l	99
59) 2-Hexanone	9.50	43	565634	91.815	ug/l	98
60) Dibromochloromethane	9.58	129	96916	18.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106927	19.312	ug/l	97
64) Tetrachloroethene	9.33	164	98416	19.767	ug/l	97
65) Chlorobenzene	10.14	112	277231	20.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97408	19.570	ug/l	98
67) Ethyl Benzene	10.25	91	472637	19.843	ug/l	99
68) m/p-Xylenes	10.35	106	353668	38.782	ug/l	98
69) o-Xylene	10.70	106	176682	19.865	ug/l	99
70) Styrene	10.71	104	298696	19.965	ug/l	99
71) Bromoform	10.85	173	70812	17.194	ug/l	99
73) Isopropylbenzene	11.01	105	465630	19.536	ug/l	99
74) N-amyl acetate	10.90	43	202654	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166324	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	137389m	17.978	ug/l	
77) Bromobenzene	11.25	156	122351	19.002	ug/l	99
78) n-propylbenzene	11.35	91	523509	19.676	ug/l	100
79) 2-Chlorotoluene	11.42	91	314971	19.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	392185	20.077	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43624	15.617	ug/l	89
82) 4-Chlorotoluene	11.51	91	359739	19.461	ug/l	97
83) tert-Butylbenzene	11.77	119	394485	19.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	397429	20.047	ug/l	100
85) sec-Butylbenzene	11.94	105	455977	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	417758	19.803	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	218107	19.432	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	218850	19.143	ug/l	99
89) n-Butylbenzene	12.38	91	348174	19.351	ug/l	100
90) Hexachloroethane	12.59	117	68167	17.878	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	224171	20.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30031	16.684	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	139004	17.985	ug/l	96
94) Hexachlorobutadiene	13.77	225	73582	19.819	ug/l	99
95) Naphthalene	13.83	128	404084	17.556	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142236	18.587	ug/l	99

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

