

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013960.D
 Acq On : 11 Dec 2019 22:57
 Operator : JC/SP
 Sample : VX1211WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:53 AM

Quant Time: Dec 12 06:32:59 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	523161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	803780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287895	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.48	113	239642	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	8.71	98	887799	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.14	95	321262	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96528	16.577	ug/l	100
3) Chloromethane	1.32	50	122032	18.677	ug/l	100
4) Vinyl Chloride	1.40	62	137897	18.751	ug/l	97
5) Bromomethane	1.63	94	102415	20.737	ug/l	98
6) Chloroethane	1.71	64	77274	18.465	ug/l	99
7) Trichlorofluoromethane	1.92	101	149985	18.367	ug/l	100
8) Diethyl Ether	2.18	74	72108	19.518	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91659	18.376	ug/l	99
10) Methyl Iodide	2.50	142	105894	17.550	ug/l	98
11) Tert butyl alcohol	3.04	59	124513	83.067	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91538	18.386	ug/l	95
13) Acrolein	2.28	56	73756	77.813	ug/l	99
14) Allyl chloride	2.72	41	165897	18.361	ug/l	99
15) Acrylonitrile	3.13	53	297731	96.226	ug/l	99
16) Acetone	2.44	43	318027	106.073	ug/l	99
17) Carbon Disulfide	2.56	76	217025	15.291	ug/l	98
18) Methyl Acetate	2.76	43	175268	20.993	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	323767	19.630	ug/l	98
20) Methylene Chloride	2.85	84	114833	19.936	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98222	18.109	ug/l	96
22) Diisopropyl ether	3.84	45	362833	20.855	ug/l	96
23) Vinyl Acetate	3.80	43	1406297	97.167	ug/l	100
24) 1,1-Dichloroethane	3.69	63	187597	19.725	ug/l	98
25) 2-Butanone	4.66	43	435583	97.755	ug/l	97
26) 2,2-Dichloropropane	4.58	77	130233	16.550	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	118084	18.958	ug/l	98
28) Bromochloromethane	5.00	49	80428	21.392	ug/l	97
29) Tetrahydrofuran	5.11	42	268980	97.921	ug/l	99
30) Chloroform	5.20	83	189464	19.643	ug/l	100
31) Cyclohexane	5.57	56	157076	17.510	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	152744	18.950	ug/l	98
36) 1,1-Dichloropropene	5.79	75	134735	18.466	ug/l	100
37) Ethyl Acetate	4.82	43	157192	19.204	ug/l	99
38) Carbon Tetrachloride	5.78	117	126176	18.754	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149493	16.576	ug/l	100
40) Benzene	6.14	78	427835	19.253	ug/l	99
41) Methacrylonitrile	5.03	41	90385	20.135	ug/l	97
42) 1,2-Dichloroethane	6.18	62	149439	19.718	ug/l	98
43) Isopropyl Acetate	6.43	43	257488	19.108	ug/l	99
44) Trichloroethene	7.20	130	114405	18.759	ug/l	99
45) 1,2-Dichloropropane	7.51	63	115115	20.704	ug/l	100
46) Dibromomethane	7.65	93	71666	18.979	ug/l	97
47) Bromodichloromethane	7.89	83	136490	19.120	ug/l	98
48) Methyl methacrylate	7.76	41	126949	19.389	ug/l	99
49) 1,4-Dioxane	7.73	88	49477	337.593	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	847148	99.941	ug/l	99
52) Toluene	8.78	92	270731	19.611	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142159	17.495	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	164633	18.545	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113731	20.443	ug/l	96
56) Ethyl methacrylate	9.17	69	171373	19.160	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190334	19.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	319221	91.028	ug/l	100
59) 2-Hexanone	9.49	43	627100	94.856	ug/l	99
60) Dibromochloromethane	9.57	129	108889	18.860	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113566	19.113	ug/l	100
64) Tetrachloroethene	9.33	164	108186	19.879	ug/l	97
65) Chlorobenzene	10.14	112	289107	19.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	106911	19.650	ug/l	99
67) Ethyl Benzene	10.25	91	497693	19.115	ug/l	98
68) m/p-Xylenes	10.35	106	381268	38.249	ug/l	99
69) o-Xylene	10.70	106	189202	19.461	ug/l	99
70) Styrene	10.71	104	311843	19.068	ug/l	99
71) Bromoform	10.85	173	81342	18.069	ug/l	100
73) Isopropylbenzene	11.01	105	492641	19.851	ug/l	99
74) N-amyl acetate	10.89	43	218936	19.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177930	20.674	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159079m	19.991	ug/l	
77) Bromobenzene	11.25	156	131457	19.608	ug/l	99
78) n-propylbenzene	11.35	91	543626	19.623	ug/l	100
79) 2-Chlorotoluene	11.42	91	332400	20.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	407758	20.047	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46948	16.141	ug/l	94
82) 4-Chlorotoluene	11.51	91	377781	19.627	ug/l	97
83) tert-Butylbenzene	11.76	119	412780	19.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	411440	19.931	ug/l	100
85) sec-Butylbenzene	11.94	105	463290	19.622	ug/l	100
86) p-Isopropyltoluene	12.06	119	421277	19.179	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222929	19.075	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	220158	18.495	ug/l	98
89) n-Butylbenzene	12.38	91	342646	18.290	ug/l	100
90) Hexachloroethane	12.59	117	73049	18.399	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	228760	19.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35625	19.008	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	142006	17.646	ug/l	99
94) Hexachlorobutadiene	13.77	225	71256	18.432	ug/l	98
95) Naphthalene	13.83	128	426733	17.806	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	146939	18.441	ug/l	99

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

