

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014262.D
 Acq On : 26 Dec 2019 12:18
 Operator : JC/SP
 Sample : VX1226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:06 PM

Quant Time: Dec 27 06:42:01 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	495545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	673248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	285175	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	5.49	113	237507	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.71	98	929682	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	320922	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78897	17.796	ug/l	95
3) Chloromethane	1.32	50	110357	18.549	ug/l	97
4) Vinyl Chloride	1.40	62	114932	18.308	ug/l	100
5) Bromomethane	1.63	94	69935	15.696	ug/l	98
6) Chloroethane	1.72	64	78249	20.195	ug/l	96
7) Trichlorofluoromethane	1.92	101	152352	19.604	ug/l	99
8) Diethyl Ether	2.18	74	68140	18.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93777	20.018	ug/l	99
10) Methyl Iodide	2.50	142	100292	18.004	ug/l	98
11) Tert butyl alcohol	3.02	59	113121	93.214	ug/l	98
12) 1,1-Dichloroethene	2.36	96	91332	19.160	ug/l	100
13) Acrolein	2.28	56	63080	90.805	ug/l	98
14) Allyl chloride	2.72	41	170294	20.009	ug/l	98
15) Acrylonitrile	3.12	53	286560	101.168	ug/l	100
16) Acetone	2.43	43	274439	75.267	ug/l	98
17) Carbon Disulfide	2.56	76	229753	17.851	ug/l	99
18) Methyl Acetate	2.76	43	148843	20.601	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	308955	19.724	ug/l	95
20) Methylene Chloride	2.84	84	107929	18.797	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	99139	18.878	ug/l	94
22) Diisopropyl ether	3.84	45	352345	20.775	ug/l	94
23) Vinyl Acetate	3.80	43	1460293	105.508	ug/l	98
24) 1,1-Dichloroethane	3.69	63	182560	19.347	ug/l	99
25) 2-Butanone	4.65	43	410217	91.254	ug/l	100
26) 2,2-Dichloropropane	4.57	77	143568	19.596	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	114154	19.220	ug/l	99
28) Bromochloromethane	5.00	49	81569	22.727	ug/l	97
29) Tetrahydrofuran	5.11	42	259164	103.074	ug/l	98
30) Chloroform	5.20	83	179570	20.075	ug/l	98
31) Cyclohexane	5.57	56	161618	19.258	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	146443	19.209	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135199	19.573	ug/l	99
37) Ethyl Acetate	4.81	43	152478	19.990	ug/l	98
38) Carbon Tetrachloride	5.77	117	125107	19.882	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	162007	18.995	ug/l	94
40) Benzene	6.13	78	418830	19.707	ug/l	99
41) Methacrylonitrile	5.02	41	83879	19.819	ug/l	98
42) 1,2-Dichloroethane	6.18	62	143192	19.876	ug/l	100
43) Isopropyl Acetate	6.43	43	250063	19.809	ug/l	99
44) Trichloroethene	7.20	130	113489	19.333	ug/l	98
45) 1,2-Dichloropropane	7.50	63	109123	20.032	ug/l	98
46) Dibromomethane	7.65	93	66872	18.568	ug/l	99
47) Bromodichloromethane	7.89	83	134942	19.894	ug/l	99
48) Methyl methacrylate	7.76	41	123608	19.997	ug/l	99
49) 1,4-Dioxane	7.73	88	51185	406.900	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	794829	100.259	ug/l	99
52) Toluene	8.78	92	259406	19.310	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	145607	19.577	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	164674	19.874	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108475	20.148	ug/l	99
56) Ethyl methacrylate	9.17	69	162666	19.234	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181131	19.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	329092	102.823	ug/l	98
59) 2-Hexanone	9.48	43	600449	94.087	ug/l	98
60) Dibromochloromethane	9.57	129	105650	19.741	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110604	20.078	ug/l	99
64) Tetrachloroethene	9.33	164	118884	19.956	ug/l	97
65) Chlorobenzene	10.13	112	276575	19.321	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101780	19.913	ug/l	100
67) Ethyl Benzene	10.25	91	487987	19.828	ug/l	99
68) m/p-Xylenes	10.35	106	373462	39.455	ug/l	100
69) o-Xylene	10.69	106	179744	19.362	ug/l	99
70) Styrene	10.71	104	303329	19.323	ug/l	99
71) Bromoform	10.85	173	78308	19.060	ug/l	100
73) Isopropylbenzene	11.01	105	481488	20.656	ug/l	99
74) N-amyl acetate	10.89	43	206789	18.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	162121	20.061	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153254m	21.322	ug/l	
77) Bromobenzene	11.25	156	123012	19.180	ug/l	100
78) n-propylbenzene	11.35	91	544178	20.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	321338	20.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401471	20.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48864	19.189	ug/l	95
82) 4-Chlorotoluene	11.51	91	369231	20.027	ug/l	99
83) tert-Butylbenzene	11.76	119	376568	19.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	400980	20.410	ug/l	99
85) sec-Butylbenzene	11.94	105	464690	20.618	ug/l	100
86) p-Isopropyltoluene	12.06	119	423489	20.541	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	217313	19.333	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214734	18.788	ug/l	98
89) n-Butylbenzene	12.39	91	356805	20.283	ug/l	99
90) Hexachloroethane	12.59	117	73315	19.798	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	214772	18.981	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31705	17.728	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	140822	19.148	ug/l	99
94) Hexachlorobutadiene	13.78	225	70656	19.990	ug/l	96
95) Naphthalene	13.83	128	411043	19.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141224	19.453	ug/l	98

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

