

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013721.D
 Acq On : 03 Dec 2019 13:46
 Operator : JC/SP
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

apatel
 12/4/2019 1:52:03 PM

Quant Time: Dec 03 15:48:57 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	657185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	360052	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.49	113	296732	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.71	98	1146987	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.13	95	398568	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	145147	19.843	ug/l	98
3) Chloromethane	1.32	50	163200	19.884	ug/l	94
4) Vinyl Chloride	1.40	62	188044	20.355	ug/l	100
5) Bromomethane	1.63	94	97964	15.790	ug/l	100
6) Chloroethane	1.72	64	102597	19.517	ug/l	99
7) Trichlorofluoromethane	1.92	101	199041	19.404	ug/l	100
8) Diethyl Ether	2.18	74	93491	20.145	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121565	19.402	ug/l	99
10) Methyl Iodide	2.50	142	117886	15.553	ug/l	98
11) Tert butyl alcohol	3.03	59	169073	89.792	ug/l	98
12) 1,1-Dichloroethene	2.36	96	120283	19.232	ug/l	99
13) Acrolein	2.28	56	106008	88.165	ug/l	99
14) Allyl chloride	2.72	41	222716	19.623	ug/l	99
15) Acrylonitrile	3.13	53	390712	100.525	ug/l	99
16) Acetone	2.43	43	415975	110.448	ug/l	100
17) Carbon Disulfide	2.56	76	317106	17.786	ug/l	99
18) Methyl Acetate	2.76	43	224319	21.389	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	411781	19.875	ug/l	99
20) Methylene Chloride	2.85	84	140836	19.464	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	130261	19.119	ug/l	97
22) Diisopropyl ether	3.84	45	446805	20.444	ug/l	96
23) Vinyl Acetate	3.80	43	1767955	97.243	ug/l	99
24) 1,1-Dichloroethane	3.69	63	238903	19.997	ug/l	99
25) 2-Butanone	4.66	43	579422	103.517	ug/l	98
26) 2,2-Dichloropropane	4.57	77	193025	19.528	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	149196	19.068	ug/l	97
28) Bromochloromethane	5.01	49	101033	21.392	ug/l	97
29) Tetrahydrofuran	5.12	42	351861	101.971	ug/l	100
30) Chloroform	5.20	83	230517	19.025	ug/l	97
31) Cyclohexane	5.57	56	215326	19.109	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	198005	19.556	ug/l	100
36) 1,1-Dichloropropene	5.79	75	173700	18.897	ug/l	99
37) Ethyl Acetate	4.82	43	209085	20.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	163780	19.324	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210767	18.550	ug/l	97
40) Benzene	6.14	78	548449	19.591	ug/l	98
41) Methacrylonitrile	5.03	41	118451	20.946	ug/l	99
42) 1,2-Dichloroethane	6.18	62	184589	19.334	ug/l	98
43) Isopropyl Acetate	6.43	43	337562	19.884	ug/l	99
44) Trichloroethene	7.21	130	144902	18.860	ug/l	97
45) 1,2-Dichloropropane	7.51	63	139123	19.863	ug/l	98
46) Dibromomethane	7.65	93	90679	19.062	ug/l	99
47) Bromodichloromethane	7.89	83	177763	19.766	ug/l	98
48) Methyl methacrylate	7.76	41	166320	20.164	ug/l	98
49) 1,4-Dioxane	7.73	88	70454	381.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1082715	101.391	ug/l	99
52) Toluene	8.78	92	341860	19.657	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	195844	19.132	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220432	19.710	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140582	20.059	ug/l	99
56) Ethyl methacrylate	9.17	69	223646	19.848	ug/l	99
57) 1,3-Dichloropropane	9.37	76	234912	19.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	411008	93.033	ug/l	100
59) 2-Hexanone	9.48	43	836582	100.448	ug/l	99
60) Dibromochloromethane	9.57	129	141034	19.390	ug/l	98
61) 1,2-Dibromoethane	9.67	107	145508	19.439	ug/l	100
64) Tetrachloroethene	9.33	164	149497	22.243	ug/l	99
65) Chlorobenzene	10.14	112	363680	19.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	133641	19.889	ug/l	99
67) Ethyl Benzene	10.25	91	629773	19.586	ug/l	100
68) m/p-Xylenes	10.35	106	481484	39.111	ug/l	100
69) o-Xylene	10.70	106	233756	19.469	ug/l	98
70) Styrene	10.71	104	401915	19.900	ug/l	99
71) Bromoform	10.85	173	106791	19.208	ug/l #	100
73) Isopropylbenzene	11.01	105	620138	20.003	ug/l	99
74) N-amyl acetate	10.89	43	290365	20.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	220729	20.530	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207486m	20.873	ug/l	
77) Bromobenzene	11.25	156	160909	19.212	ug/l	99
78) n-propylbenzene	11.35	91	694921	20.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	407198	19.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	510515	20.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68379	18.819	ug/l	97
82) 4-Chlorotoluene	11.51	91	466138	19.386	ug/l	99
83) tert-Butylbenzene	11.76	119	501854	19.434	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	514090	19.936	ug/l	99
85) sec-Butylbenzene	11.94	105	589514	19.987	ug/l	99
86) p-Isopropyltoluene	12.06	119	535252	19.507	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	275925	18.900	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	276852	18.617	ug/l	99
89) n-Butylbenzene	12.39	91	443577	18.954	ug/l	100
90) Hexachloroethane	12.59	117	95734	19.302	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	281499	19.515	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45946	19.624	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	182009	18.105	ug/l	100
94) Hexachlorobutadiene	13.78	225	85945	17.797	ug/l	99
95) Naphthalene	13.83	128	577342	19.284	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186666	18.753	ug/l	99

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

