

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014142.D
 Acq On : 20 Dec 2019 00:46
 Operator : JC/SP
 Sample : VX1219WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:40 AM

Quant Time: Dec 20 04:30:21 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	510817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	799610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	721266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	284812	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	235815	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.71	98	904979	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	315645	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82557	18.065	ug/l	96
3) Chloromethane	1.32	50	117361	19.136	ug/l	99
4) Vinyl Chloride	1.40	62	123182	19.035	ug/l	99
5) Bromomethane	1.63	94	81571	17.760	ug/l	100
6) Chloroethane	1.72	64	84123	21.062	ug/l	95
7) Trichlorofluoromethane	1.92	101	157897	19.710	ug/l	99
8) Diethyl Ether	2.18	74	71420	18.996	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92585	19.173	ug/l	99
10) Methyl Iodide	2.50	142	115342	19.784	ug/l	98
11) Tert butyl alcohol	3.03	59	127234	101.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94881	19.309	ug/l	97
13) Acrolein	2.28	56	80467	112.370	ug/l	99
14) Allyl chloride	2.72	41	171602	19.559	ug/l	99
15) Acrylonitrile	3.13	53	309149	105.879	ug/l	99
16) Acetone	2.43	43	299250	79.618	ug/l	99
17) Carbon Disulfide	2.56	76	248625	18.703	ug/l	99
18) Methyl Acetate	2.76	43	157776	21.184	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	328086	20.319	ug/l	98
20) Methylene Chloride	2.85	84	112570	19.019	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	102010	18.844	ug/l	96
22) Diisopropyl ether	3.84	45	360030	20.593	ug/l	99
23) Vinyl Acetate	3.80	43	1388321	97.309	ug/l	99
24) 1,1-Dichloroethane	3.69	63	190829	19.619	ug/l	99
25) 2-Butanone	4.65	43	449691	97.044	ug/l	98
26) 2,2-Dichloropropane	4.58	77	121785	16.126	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	118468	19.350	ug/l	99
28) Bromochloromethane	5.00	49	79219	21.439	ug/l	99
29) Tetrahydrofuran	5.12	42	278313	107.380	ug/l	100
30) Chloroform	5.20	83	187731	20.359	ug/l	100
31) Cyclohexane	5.57	56	171490	19.823	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	152674	19.427	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138414	18.866	ug/l	99
37) Ethyl Acetate	4.82	43	166634	20.567	ug/l	98
38) Carbon Tetrachloride	5.78	117	127319	19.049	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163432	18.040	ug/l	97
40) Benzene	6.14	78	432669	19.166	ug/l	100
41) Methacrylonitrile	5.03	41	89573	19.926	ug/l	97
42) 1,2-Dichloroethane	6.18	62	150913	19.721	ug/l	100
43) Isopropyl Acetate	6.43	43	271100	20.219	ug/l	99
44) Trichloroethene	7.21	130	117047	18.772	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116923	20.208	ug/l	98
46) Dibromomethane	7.65	93	73401	19.187	ug/l	99
47) Bromodichloromethane	7.89	83	138498	19.223	ug/l	98
48) Methyl methacrylate	7.76	41	129278	19.690	ug/l	99
49) 1,4-Dioxane	7.73	88	55089	412.300	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	857280	101.806	ug/l	100
52) Toluene	8.78	92	269826	18.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	147414	18.660	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167379	19.018	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	111633	19.520	ug/l	99
56) Ethyl methacrylate	9.17	69	172621	19.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	191248	19.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	311327	91.578	ug/l	99
59) 2-Hexanone	9.48	43	655270	96.666	ug/l	100
60) Dibromochloromethane	9.58	129	108739	19.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116032	19.830	ug/l	100
64) Tetrachloroethene	9.33	164	140744	22.052	ug/l	97
65) Chlorobenzene	10.14	112	287029	18.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	104925	19.162	ug/l	100
67) Ethyl Benzene	10.25	91	504329	19.128	ug/l	100
68) m/p-Xylenes	10.35	106	382707	37.740	ug/l	100
69) o-Xylene	10.70	106	188599	18.963	ug/l	100
70) Styrene	10.71	104	313456	18.638	ug/l	99
71) Bromoform	10.85	173	83866	19.054	ug/l #	99
73) Isopropylbenzene	11.01	105	491629	19.932	ug/l	100
74) N-amyl acetate	10.89	43	225837	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166505	19.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	161132m	21.186	ug/l	
77) Bromobenzene	11.25	156	130389	19.213	ug/l	98
78) n-propylbenzene	11.35	91	545812	19.728	ug/l	99
79) 2-Chlorotoluene	11.42	91	331465	19.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405299	19.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47047	17.460	ug/l	93
82) 4-Chlorotoluene	11.51	91	375131	19.229	ug/l	99
83) tert-Butylbenzene	11.76	119	372162	18.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	410913	19.766	ug/l	99
85) sec-Butylbenzene	11.94	105	468942	19.663	ug/l	100
86) p-Isopropyltoluene	12.06	119	428153	19.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220157	18.510	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	221430	18.310	ug/l	99
89) n-Butylbenzene	12.38	91	344117	18.487	ug/l	98
90) Hexachloroethane	12.59	117	72839	18.589	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	229425	19.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35123	18.561	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	144176	18.527	ug/l	98
94) Hexachlorobutadiene	13.77	225	69383	18.552	ug/l	99
95) Naphthalene	13.83	128	455574	19.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148679	19.354	ug/l	98

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

