

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014016.D
 Acq On : 13 Dec 2019 19:45
 Operator : JC/SP
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:48:53 PM

Quant Time: Dec 17 03:09:07 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	570348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	874952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	797353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	387534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	324320	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.49	113	264544	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1033728	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	366101	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	95939	18.802	ug/l	99
3) Chloromethane	1.31	50	132845	19.400	ug/l	98
4) Vinyl Chloride	1.40	62	137414	19.018	ug/l	98
5) Bromomethane	1.62	94	94067	18.343	ug/l	99
6) Chloroethane	1.70	64	82594	18.521	ug/l #	89
7) Trichlorofluoromethane	1.92	101	169485	18.949	ug/l	95
8) Diethyl Ether	2.18	74	78392	18.674	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100302	18.603	ug/l	99
10) Methyl Iodide	2.50	142	122927	19.003	ug/l	98
11) Tert butyl alcohol	3.04	59	141755	101.490	ug/l	100
12) 1,1-Dichloroethene	2.36	96	100529	18.323	ug/l	98
13) Acrolein	2.28	56	96843	121.123	ug/l	97
14) Allyl chloride	2.72	41	184179	18.802	ug/l	97
15) Acrylonitrile	3.13	53	316932	97.215	ug/l	100
16) Acetone	2.44	43	282671	67.357	ug/l	98
17) Carbon Disulfide	2.56	76	289086	19.445	ug/l	99
18) Methyl Acetate	2.76	43	157758	18.971	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	352014	19.525	ug/l	97
20) Methylene Chloride	2.84	84	124223	18.797	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111948	18.521	ug/l	99
22) Diisopropyl ether	3.84	45	383491	19.646	ug/l	98
23) Vinyl Acetate	3.80	43	1629828	102.313	ug/l	100
24) 1,1-Dichloroethane	3.69	63	204428	18.823	ug/l	99
25) 2-Butanone	4.66	43	445215	86.050	ug/l	98
26) 2,2-Dichloropropane	4.57	77	154748	18.352	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	130082	19.030	ug/l	99
28) Bromochloromethane	5.00	49	83403	20.241	ug/l	99
29) Tetrahydrofuran	5.12	42	288782	99.790	ug/l	99
30) Chloroform	5.20	83	196609	19.097	ug/l	99
31) Cyclohexane	5.57	56	189934	19.663	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	169012	19.262	ug/l	97
36) 1,1-Dichloropropene	5.79	75	151898	18.921	ug/l	99
37) Ethyl Acetate	4.82	43	173142	19.530	ug/l	99
38) Carbon Tetrachloride	5.78	117	139936	19.134	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	183891	18.551	ug/l	98
40) Benzene	6.13	78	465839	18.859	ug/l	98
41) Methacrylonitrile	5.03	41	97955	19.914	ug/l	97
42) 1,2-Dichloroethane	6.19	62	162542	19.412	ug/l	99
43) Isopropyl Acetate	6.44	43	285625	19.468	ug/l	100
44) Trichloroethene	7.20	130	123595	18.115	ug/l	99
45) 1,2-Dichloropropane	7.51	63	121681	19.219	ug/l	98
46) Dibromomethane	7.65	93	77391	18.488	ug/l	99
47) Bromodichloromethane	7.89	83	146629	18.599	ug/l	99
48) Methyl methacrylate	7.76	41	138351	19.257	ug/l	100
49) 1,4-Dioxane	7.73	88	56959	389.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	896877	97.337	ug/l	100
52) Toluene	8.78	92	296326	18.979	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165830	19.184	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	185774	19.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118399	18.921	ug/l	98
56) Ethyl methacrylate	9.17	69	188891	19.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203063	19.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356313	95.786	ug/l	100
59) 2-Hexanone	9.49	43	683648	92.168	ug/l	99
60) Dibromochloromethane	9.57	129	116801	18.778	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125237	19.561	ug/l	100
64) Tetrachloroethene	9.33	164	114260	16.194	ug/l	99
65) Chlorobenzene	10.14	112	315456	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	116054	19.172	ug/l	98
67) Ethyl Benzene	10.25	91	553391	18.986	ug/l	99
68) m/p-Xylenes	10.36	106	423323	37.761	ug/l	98
69) o-Xylene	10.70	106	208096	18.927	ug/l	99
70) Styrene	10.71	104	343260	18.463	ug/l	99
71) Bromoform	10.86	173	87459	17.974	ug/l #	97
73) Isopropylbenzene	11.01	105	539651	19.778	ug/l	99
74) N-amyl acetate	10.89	43	253936	19.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	188285	19.904	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	168469m	20.024	ug/l	
77) Bromobenzene	11.25	156	143484	19.113	ug/l	98
78) n-propylbenzene	11.35	91	598396	19.552	ug/l	100
79) 2-Chlorotoluene	11.42	91	364872	19.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	448413	19.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57085	19.151	ug/l	94
82) 4-Chlorotoluene	11.51	91	410448	19.020	ug/l	98
83) tert-Butylbenzene	11.76	119	451083	20.185	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	446867	19.432	ug/l	98
85) sec-Butylbenzene	11.94	105	512865	19.440	ug/l	100
86) p-Isopropyltoluene	12.06	119	469065	19.437	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244744	18.602	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	241947	18.085	ug/l	98
89) n-Butylbenzene	12.39	91	381211	18.513	ug/l	100
90) Hexachloroethane	12.59	117	82743	19.089	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248308	18.748	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37147	17.745	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	155171	18.025	ug/l	98
94) Hexachlorobutadiene	13.78	225	74453	17.996	ug/l	98
95) Naphthalene	13.83	128	484900	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161807	19.041	ug/l	99

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

