

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014351.D
 Acq On : 30 Dec 2019 14:13
 Operator : JC/SP
 Sample : VX1230WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:43 AM

Quant Time: Dec 31 02:49:27 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	457186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279843	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	5.48	113	230105	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	8.71	98	877814	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.13	95	312324	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67035	16.389	ug/l	95
3) Chloromethane	1.32	50	97558	17.773	ug/l	99
4) Vinyl Chloride	1.40	62	99071	17.105	ug/l	100
5) Bromomethane	1.63	94	64980	15.807	ug/l	98
6) Chloroethane	1.72	64	68338	19.117	ug/l	96
7) Trichlorofluoromethane	1.92	101	130754	18.237	ug/l	99
8) Diethyl Ether	2.18	74	64170	19.070	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82769	19.151	ug/l	98
10) Methyl Iodide	2.50	142	87899	17.234	ug/l	99
11) Tert butyl alcohol	3.02	59	112750	100.704	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78559	17.863	ug/l	95
13) Acrolein	2.28	56	56095	87.525	ug/l	98
14) Allyl chloride	2.72	41	154151	19.631	ug/l	99
15) Acrylonitrile	3.12	53	275745	105.517	ug/l	98
16) Acetone	2.43	43	247735	73.644	ug/l	98
17) Carbon Disulfide	2.56	76	195415	16.516	ug/l	99
18) Methyl Acetate	2.76	43	141476	21.224	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	294528	20.381	ug/l	97
20) Methylene Chloride	2.85	84	102414	19.333	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	88840	18.336	ug/l	97
22) Diisopropyl ether	3.84	45	327873	20.954	ug/l	91
23) Vinyl Acetate	3.80	43	1399150	109.572	ug/l	98
24) 1,1-Dichloroethane	3.69	63	167395	19.228	ug/l	98
25) 2-Butanone	4.65	43	382435	92.212	ug/l	98
26) 2,2-Dichloropropane	4.57	77	128869	19.066	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104039	18.987	ug/l	99
28) Bromochloromethane	5.00	49	74205	22.416	ug/l	97
29) Tetrahydrofuran	5.11	42	242993	104.751	ug/l	98
30) Chloroform	5.20	83	168105	20.370	ug/l	98
31) Cyclohexane	5.57	56	144035	18.602	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	131670	18.720	ug/l	99
36) 1,1-Dichloropropene	5.78	75	118612	18.672	ug/l	100
37) Ethyl Acetate	4.81	43	148024	21.101	ug/l	100
38) Carbon Tetrachloride	5.77	117	108063	18.673	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144588	18.434	ug/l	97
40) Benzene	6.13	78	384389	19.666	ug/l	99
41) Methacrylonitrile	5.02	41	80059	20.569	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133191	20.103	ug/l	99
43) Isopropyl Acetate	6.43	43	242829	20.917	ug/l	99
44) Trichloroethene	7.20	130	102365	18.961	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103934	20.746	ug/l	92
46) Dibromomethane	7.65	93	67161	20.277	ug/l	95
47) Bromodichloromethane	7.89	83	126081	20.212	ug/l	98
48) Methyl methacrylate	7.76	41	114179	20.085	ug/l	99
49) 1,4-Dioxane	7.73	88	48191	416.569	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	758872	104.086	ug/l	99
52) Toluene	8.78	92	236264	19.124	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	138794	20.292	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	155200	20.367	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100848	20.367	ug/l	97
56) Ethyl methacrylate	9.17	69	155276	19.964	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172831	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	305829	103.902	ug/l	100
59) 2-Hexanone	9.48	43	573631	97.737	ug/l	99
60) Dibromochloromethane	9.57	129	100143	20.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103270	20.385	ug/l	99
64) Tetrachloroethene	9.33	164	103252	18.633	ug/l	97
65) Chlorobenzene	10.13	112	256167	19.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95296	20.044	ug/l	100
67) Ethyl Benzene	10.25	91	444872	19.433	ug/l	99
68) m/p-Xylenes	10.35	106	334992	38.047	ug/l	98
69) o-Xylene	10.69	106	163123	18.890	ug/l	98
70) Styrene	10.71	104	277912	19.033	ug/l	99
71) Bromoform	10.85	173	75680	19.803	ug/l #	99
73) Isopropylbenzene	11.01	105	439415	20.389	ug/l	99
74) N-amyl acetate	10.89	43	199175	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153685	20.569	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	128106m	19.278	ug/l	
77) Bromobenzene	11.25	156	115592	19.494	ug/l	99
78) n-propylbenzene	11.35	91	491072	20.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	296685	20.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363397	20.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46895	19.918	ug/l	97
82) 4-Chlorotoluene	11.51	91	342424	20.089	ug/l	98
83) tert-Butylbenzene	11.76	119	353623	20.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360281	19.835	ug/l	100
85) sec-Butylbenzene	11.94	105	422238	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	385554	20.228	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201075	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201732	19.091	ug/l	99
89) n-Butylbenzene	12.39	91	324776	19.969	ug/l	99
90) Hexachloroethane	12.59	117	67615	19.750	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	201344	19.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31235	18.891	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	130897	19.251	ug/l	98
94) Hexachlorobutadiene	13.78	225	63439	19.413	ug/l	97
95) Naphthalene	13.83	128	397217	19.884	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133306	19.861	ug/l	98

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

