

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013891.D
 Acq On : 10 Dec 2019 12:24
 Operator : JC/SP
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:00 PM

Quant Time: Dec 11 02:49:29 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	538949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	828865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298722	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.49	113	252834	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	943104	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	330769	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108909	18.155	ug/l	95
3) Chloromethane	1.32	50	126414	18.781	ug/l	97
4) Vinyl Chloride	1.40	62	147646	19.489	ug/l	99
5) Bromomethane	1.63	94	90262	17.741	ug/l	100
6) Chloroethane	1.72	64	82595	19.159	ug/l	96
7) Trichlorofluoromethane	1.92	101	160029	19.023	ug/l	100
8) Diethyl Ether	2.18	74	75001	19.707	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98549	19.179	ug/l	99
10) Methyl Iodide	2.50	142	101317	16.300	ug/l	99
11) Tert butyl alcohol	3.03	59	140395	90.919	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96121	18.741	ug/l	100
13) Acrolein	2.28	56	106909	107.041	ug/l	99
14) Allyl chloride	2.72	41	173394	18.629	ug/l	100
15) Acrylonitrile	3.13	53	313180	98.254	ug/l	99
16) Acetone	2.43	43	303465	98.251	ug/l	99
17) Carbon Disulfide	2.56	76	232733	15.917	ug/l	99
18) Methyl Acetate	2.76	43	188459	21.912	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	329604	19.398	ug/l	99
20) Methylene Chloride	2.85	84	114297	19.262	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106119	18.992	ug/l	96
22) Diisopropyl ether	3.84	45	367023	20.478	ug/l	94
23) Vinyl Acetate	3.80	43	1460424	97.951	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196604	20.066	ug/l	99
25) 2-Butanone	4.66	43	448671	97.743	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146486	18.071	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121853	18.990	ug/l	100
28) Bromochloromethane	5.01	49	81913	21.149	ug/l	98
29) Tetrahydrofuran	5.12	42	283419	100.155	ug/l	99
30) Chloroform	5.20	83	191905	19.313	ug/l	100
31) Cyclohexane	5.57	56	169171	18.306	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	155806	18.764	ug/l	98
36) 1,1-Dichloropropene	5.79	75	135818	18.051	ug/l	98
37) Ethyl Acetate	4.82	43	160048	18.961	ug/l	99
38) Carbon Tetrachloride	5.78	117	130407	18.797	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169024	18.174	ug/l	99
40) Benzene	6.14	78	434299	18.952	ug/l	98
41) Methacrylonitrile	5.03	41	91671	19.803	ug/l	98
42) 1,2-Dichloroethane	6.19	62	153053	19.584	ug/l	99
43) Isopropyl Acetate	6.43	43	265901	19.135	ug/l	99
44) Trichloroethene	7.21	130	115734	18.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	111649	19.473	ug/l	94
46) Dibromomethane	7.65	93	73996	19.003	ug/l	99
47) Bromodichloromethane	7.89	83	143477	19.490	ug/l	99
48) Methyl methacrylate	7.76	41	131621	19.494	ug/l	100
49) 1,4-Dioxane	7.73	88	56109	371.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	866910	99.177	ug/l	100
52) Toluene	8.78	92	273351	19.201	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151008	18.022	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	171709	18.757	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114000	19.871	ug/l	99
56) Ethyl methacrylate	9.17	69	178989	19.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	193424	19.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347365	96.056	ug/l	100
59) 2-Hexanone	9.48	43	662264	97.144	ug/l	98
60) Dibromochloromethane	9.58	129	113814	19.117	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118646	19.364	ug/l	99
64) Tetrachloroethene	9.33	164	107700	19.320	ug/l	95
65) Chlorobenzene	10.14	112	292719	18.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108864	19.534	ug/l	99
67) Ethyl Benzene	10.25	91	511401	19.175	ug/l	99
68) m/p-Xylenes	10.36	106	385050	37.711	ug/l	99
69) o-Xylene	10.70	106	191557	19.236	ug/l	100
70) Styrene	10.71	104	318133	18.991	ug/l	99
71) Bromoform	10.85	173	84482	18.320	ug/l #	100
73) Isopropylbenzene	11.01	105	502147	19.957	ug/l	100
74) N-amyl acetate	10.89	43	224752	19.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181967	20.854	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163783m	20.301	ug/l	
77) Bromobenzene	11.25	156	130769	19.238	ug/l	98
78) n-propylbenzene	11.35	91	557556	19.851	ug/l	100
79) 2-Chlorotoluene	11.42	91	334406	19.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	414272	20.089	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50820	17.233	ug/l	92
82) 4-Chlorotoluene	11.51	91	374317	19.181	ug/l	100
83) tert-Butylbenzene	11.77	119	407504	19.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	411861	19.679	ug/l	99
85) sec-Butylbenzene	11.94	105	471444	19.694	ug/l	100
86) p-Isopropyltoluene	12.06	119	439053	19.715	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220550	18.613	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	222891	18.468	ug/l	99
89) n-Butylbenzene	12.39	91	358568	18.878	ug/l	99
90) Hexachloroethane	12.59	117	76806	19.081	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	228942	19.556	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37611	19.794	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140353	17.202	ug/l	98
94) Hexachlorobutadiene	13.78	225	71581	18.263	ug/l	98
95) Naphthalene	13.83	128	447823	18.430	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145924	18.063	ug/l	99

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

