

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014290.D
 Acq On : 27 Dec 2019 00:29
 Operator : JC/SP
 Sample : VX1226WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS02

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:27 PM

Quant Time: Dec 27 07:45:06 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	463381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	737810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	281041	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
35) Dibromofluoromethane	5.49	113	229988	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.71	98	885958	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	310824	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74235	17.907	ug/l	97
3) Chloromethane	1.32	50	109229	19.634	ug/l	99
4) Vinyl Chloride	1.40	62	111323	18.964	ug/l	99
5) Bromomethane	1.63	94	73381	17.612	ug/l	99
6) Chloroethane	1.72	64	73550	20.300	ug/l	96
7) Trichlorofluoromethane	1.92	101	142100	19.554	ug/l	99
8) Diethyl Ether	2.18	74	68806	20.175	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84968	19.397	ug/l	99
10) Methyl Iodide	2.50	142	94522	18.125	ug/l	98
11) Tert butyl alcohol	3.03	59	117518	103.559	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84653	18.991	ug/l	96
13) Acrolein	2.28	56	58657	90.299	ug/l	98
14) Allyl chloride	2.72	41	159262	20.011	ug/l	97
15) Acrylonitrile	3.13	53	296612	111.985	ug/l	99
16) Acetone	2.43	43	270013	79.194	ug/l	97
17) Carbon Disulfide	2.56	76	212505	17.665	ug/l	99
18) Methyl Acetate	2.77	43	154782	22.910	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304545	20.792	ug/l	97
20) Methylene Chloride	2.85	84	107859	20.089	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	95577	19.463	ug/l	99
22) Diisopropyl ether	3.84	45	344826	21.743	ug/l	99
23) Vinyl Acetate	3.80	43	1332149	102.930	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181197	20.535	ug/l	98
25) 2-Butanone	4.65	43	417857	99.406	ug/l	99
26) 2,2-Dichloropropane	4.58	77	106860	15.598	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110847	19.959	ug/l	98
28) Bromochloromethane	5.00	49	78642	23.418	ug/l	98
29) Tetrahydrofuran	5.11	42	264238	112.386	ug/l	99
30) Chloroform	5.20	83	173429	20.734	ug/l	97
31) Cyclohexane	5.57	56	154621	19.703	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142408	19.976	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122791	18.138	ug/l	99
37) Ethyl Acetate	4.82	43	158815	21.244	ug/l	100
38) Carbon Tetrachloride	5.78	117	117147	18.995	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145615	17.420	ug/l	99
40) Benzene	6.14	78	406898	19.534	ug/l	99
41) Methacrylonitrile	5.03	41	86233	20.789	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139836	19.804	ug/l	99
43) Isopropyl Acetate	6.44	43	253877	20.520	ug/l	99
44) Trichloroethene	7.21	130	108397	18.840	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107174	20.074	ug/l	100
46) Dibromomethane	7.65	93	68017	19.269	ug/l	100
47) Bromodichloromethane	7.89	83	130927	19.695	ug/l	95
48) Methyl methacrylate	7.76	41	122705	20.254	ug/l	98
49) 1,4-Dioxane	7.73	88	52341	424.545	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	813977	104.761	ug/l	100
52) Toluene	8.78	92	250426	19.021	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	134799	18.492	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153541	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	108483	20.558	ug/l	99
56) Ethyl methacrylate	9.17	69	164470	19.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181017	20.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	327073	104.268	ug/l	99
59) 2-Hexanone	9.48	43	621440	99.355	ug/l	99
60) Dibromochloromethane	9.57	129	102848	19.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109327	20.250	ug/l	99
64) Tetrachloroethene	9.33	164	128096	21.907	ug/l	99
65) Chlorobenzene	10.14	112	267767	19.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	98072	19.549	ug/l	99
67) Ethyl Benzene	10.25	91	469287	19.428	ug/l	99
68) m/p-Xylenes	10.36	106	348756	37.539	ug/l	97
69) o-Xylene	10.70	106	173128	19.001	ug/l	98
70) Styrene	10.71	104	289583	18.795	ug/l	98
71) Bromoform	10.85	173	77033	19.103	ug/l	99
73) Isopropylbenzene	11.01	105	455939	20.313	ug/l	100
74) N-amyl acetate	10.89	43	210582	20.015	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158045	20.309	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	133474m	19.285	ug/l	
77) Bromobenzene	11.25	156	118489	19.186	ug/l	99
78) n-propylbenzene	11.35	91	504153	20.024	ug/l	99
79) 2-Chlorotoluene	11.42	91	306626	20.035	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	371966	19.691	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43062	17.561	ug/l	92
82) 4-Chlorotoluene	11.51	91	345135	19.441	ug/l	100
83) tert-Butylbenzene	11.76	119	346549	18.851	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	376323	19.892	ug/l	100
85) sec-Butylbenzene	11.94	105	423317	19.506	ug/l	99
86) p-Isopropyltoluene	12.06	119	389886	19.640	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205083	18.948	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201554	18.314	ug/l	99
89) n-Butylbenzene	12.39	91	315513	18.626	ug/l	99
90) Hexachloroethane	12.59	117	66978	18.784	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	206375	18.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32949	19.133	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	128438	18.137	ug/l	97
94) Hexachlorobutadiene	13.78	225	61261	18.000	ug/l	96
95) Naphthalene	13.83	128	410395	19.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134358	19.220	ug/l	98

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

