

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013613.D
 Acq On : 26 Nov 2019 20:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:44:51 PM

Quant Time: Nov 27 04:30:39 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	695640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1075476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	391976	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	328397	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	1249860	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	453000	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	392308	50.667	ug/l	99
3) Chloromethane	1.31	50	425368	48.960	ug/l	99
4) Vinyl Chloride	1.40	62	498872	51.017	ug/l	98
5) Bromomethane	1.63	94	304995	46.443	ug/l	97
6) Chloroethane	1.71	64	265718	47.753	ug/l	100
7) Trichlorofluoromethane	1.92	101	524357	48.291	ug/l	99
8) Diethyl Ether	2.18	74	240811	49.021	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	318947	48.090	ug/l	98
10) Methyl Iodide	2.50	142	420876	52.459	ug/l	99
11) Tert butyl alcohol	3.03	59	446283	223.911	ug/l	99
12) 1,1-Dichloroethene	2.36	96	328071	49.556	ug/l	98
13) Acrolein	2.28	56	305131	229.421	ug/l	99
14) Allyl chloride	2.72	41	585011	48.694	ug/l	99
15) Acrylonitrile	3.13	53	1002813	243.747	ug/l	99
16) Acetone	2.43	43	892658	223.913	ug/l	100
17) Carbon Disulfide	2.56	76	901934	47.792	ug/l	99
18) Methyl Acetate	2.76	43	567047	51.080	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1102831	50.286	ug/l	100
20) Methylene Chloride	2.84	84	365248	47.689	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	352962	48.941	ug/l	99
22) Diisopropyl ether	3.84	45	1152173	49.806	ug/l	98
23) Vinyl Acetate	3.80	43	4863458	252.718	ug/l	100
24) 1,1-Dichloroethane	3.69	63	630618	49.866	ug/l	99
25) 2-Butanone	4.66	43	1429024	241.190	ug/l	100
26) 2,2-Dichloropropane	4.58	77	491746	46.998	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	401923	48.528	ug/l	99
28) Bromochloromethane	5.00	49	256391	51.304	ug/l	100
29) Tetrahydrofuran	5.11	42	913638	250.139	ug/l	99
30) Chloroform	5.20	83	614354	47.902	ug/l	99
31) Cyclohexane	5.57	56	577974	48.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	530417	49.490	ug/l	99
36) 1,1-Dichloropropene	5.79	75	474340	48.587	ug/l	99
37) Ethyl Acetate	4.82	43	545671	49.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	455423	50.591	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	586971	48.641	ug/l	96
40) Benzene	6.14	78	1463184	49.210	ug/l	98
41) Methacrylonitrile	5.03	41	305841	50.919	ug/l	99
42) 1,2-Dichloroethane	6.19	62	498277	49.138	ug/l	99
43) Isopropyl Acetate	6.44	43	902504	50.054	ug/l	100
44) Trichloroethene	7.20	130	392332	48.078	ug/l	100
45) 1,2-Dichloropropane	7.51	63	370894	49.856	ug/l	96
46) Dibromomethane	7.65	93	244287	48.349	ug/l	99
47) Bromodichloromethane	7.89	83	483038	50.571	ug/l	99
48) Methyl methacrylate	7.76	41	447026	51.026	ug/l	99
49) 1,4-Dioxane	7.73	88	180437	920.135	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2789926	245.987	ug/l	99
52) Toluene	8.78	92	916761	49.630	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	542276	49.877	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	601918	50.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	368151	49.458	ug/l	98
56) Ethyl methacrylate	9.17	69	607985	50.802	ug/l	99
57) 1,3-Dichloropropane	9.37	76	616896	48.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1153244	245.777	ug/l	99
59) 2-Hexanone	9.49	43	2149167	242.961	ug/l	100
60) Dibromochloromethane	9.57	129	393319	50.914	ug/l	100
61) 1,2-Dibromoethane	9.67	107	383205	48.200	ug/l	99
64) Tetrachloroethene	9.33	164	354848	49.515	ug/l	95
65) Chlorobenzene	10.14	112	974572	48.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	362330	50.572	ug/l	100
67) Ethyl Benzene	10.25	91	1743657	50.857	ug/l	98
68) m/p-Xylenes	10.36	106	1368114	104.227	ug/l	100
69) o-Xylene	10.70	106	649227	50.713	ug/l	99
70) Styrene	10.71	104	1095152	50.854	ug/l	99
71) Bromoform	10.85	173	311867	52.608	ug/l #	99
73) Isopropylbenzene	11.01	105	1695661	50.188	ug/l	100
74) N-amyl acetate	10.89	43	795108	51.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	576665	49.217	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	466265m	43.040	ug/l	
77) Bromobenzene	11.25	156	445411	48.799	ug/l	99
78) n-propylbenzene	11.35	91	1896527	50.285	ug/l	100
79) 2-Chlorotoluene	11.42	91	1124502	49.703	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1430787	51.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	198452	50.117	ug/l	97
82) 4-Chlorotoluene	11.51	91	1293462	49.361	ug/l	100
83) tert-Butylbenzene	11.76	119	1427911	50.740	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1472292	52.389	ug/l	100
85) sec-Butylbenzene	11.94	105	1617190	50.311	ug/l	100
86) p-Isopropyltoluene	12.06	119	1517218	50.737	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	778512	48.931	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	782641	48.293	ug/l	99
89) n-Butylbenzene	12.39	91	1311608	51.426	ug/l	99
90) Hexachloroethane	12.59	117	270444	50.035	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	780921	49.676	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128969	50.546	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	551087	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	246362	46.810	ug/l	100
95) Naphthalene	13.83	128	1753275	53.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	546704	50.398	ug/l	99

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

