

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137868.D
 Acq On : 09 Dec 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:35 AM

Quant Time: Dec 10 05:07:24 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	579746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	905928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	815139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	400110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	309081	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
35) Dibromofluoromethane	5.49	113	262471	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	8.71	98	985027	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
62) 4-Bromofluorobenzene	11.14	95	354900	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	276696	42.879	ug/l	97
3) Chloromethane	1.32	50	320174	44.219	ug/l	99
4) Vinyl Chloride	1.40	62	378022	46.386	ug/l	99
5) Bromomethane	1.63	94	252251	46.090	ug/l	99
6) Chloroethane	1.71	64	214015	46.149	ug/l	97
7) Trichlorofluoromethane	1.92	101	403133	44.549	ug/l	100
8) Diethyl Ether	2.18	74	194658	47.548	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252395	45.663	ug/l	99
10) Methyl Iodide	2.50	142	310260	46.402	ug/l	100
11) Tert butyl alcohol	3.04	59	359572	216.470	ug/l	100
12) 1,1-Dichloroethene	2.36	96	250400	45.385	ug/l	100
13) Acrolein	2.28	56	287846	258.897	ug/l	99
14) Allyl chloride	2.72	41	458799	45.823	ug/l	100
15) Acrylonitrile	3.13	53	825354	240.716	ug/l	99
16) Acetone	2.44	43	850926	256.113	ug/l	99
17) Carbon Disulfide	2.56	76	637839	40.554	ug/l	99
18) Methyl Acetate	2.76	43	477413	51.602	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	877330	48.001	ug/l	100
20) Methylene Chloride	2.85	84	301433	47.224	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	272430	45.326	ug/l	96
22) Diisopropyl ether	3.84	45	945761	49.056	ug/l	98
23) Vinyl Acetate	3.80	43	3604795	224.760	ug/l	99
24) 1,1-Dichloroethane	3.69	63	511847	48.565	ug/l	99
25) 2-Butanone	4.66	43	1220929	247.261	ug/l	99
26) 2,2-Dichloropropane	4.58	77	362261	41.544	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	322244	46.686	ug/l	99
28) Bromochloromethane	5.01	49	216301	51.934	ug/l	99
29) Tetrahydrofuran	5.12	42	744558	244.598	ug/l	99
30) Chloroform	5.20	83	494824	46.295	ug/l	96
31) Cyclohexane	5.58	56	444052	44.670	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	417509	46.743	ug/l	99
36) 1,1-Dichloropropene	5.79	75	365796	44.481	ug/l	100
37) Ethyl Acetate	4.82	43	443633	48.087	ug/l	100
38) Carbon Tetrachloride	5.78	117	352689	46.511	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428602	42.164	ug/l	99
40) Benzene	6.14	78	1138114	45.441	ug/l	100
41) Methacrylonitrile	5.03	41	248154	49.047	ug/l	100
42) 1,2-Dichloroethane	6.18	62	398300	46.630	ug/l	100
43) Isopropyl Acetate	6.43	43	717562	47.245	ug/l	100
44) Trichloroethene	7.21	130	316042	45.977	ug/l	96
45) 1,2-Dichloropropane	7.51	63	304938	48.662	ug/l	98
46) Dibromomethane	7.65	93	191574	45.012	ug/l	99
47) Bromodichloromethane	7.89	83	388075	48.233	ug/l	97
48) Methyl methacrylate	7.76	41	354333	48.015	ug/l	98
49) 1,4-Dioxane	7.73	88	135027	817.436	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2298725	240.610	ug/l	100
52) Toluene	8.78	92	716062	46.020	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	423426	46.235	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	474180	47.392	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	298818	47.656	ug/l	98
56) Ethyl methacrylate	9.17	69	486075	48.217	ug/l	100
57) 1,3-Dichloropropane	9.37	76	502703	46.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	934281	236.377	ug/l	100
59) 2-Hexanone	9.49	43	1794966	240.896	ug/l	99
60) Dibromochloromethane	9.58	129	315177	48.435	ug/l	100
61) 1,2-Dibromoethane	9.67	107	312589	46.677	ug/l	99
64) Tetrachloroethene	9.33	164	358573	58.987	ug/l	99
65) Chlorobenzene	10.14	112	776381	45.875	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	288985	47.552	ug/l	99
67) Ethyl Benzene	10.24	91	1359770	46.757	ug/l	99
68) m/p-Xylenes	10.35	106	1032704	92.751	ug/l	99
69) o-Xylene	10.70	106	507099	46.698	ug/l	98
70) Styrene	10.71	104	865129	47.360	ug/l	99
71) Bromoform	10.85	173	246100	48.942	ug/l	99
73) Isopropylbenzene	11.01	105	1339170	47.715	ug/l	100
74) N-amyl acetate	10.89	43	631252	49.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	470486	48.338	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	433215m	48.139	ug/l	
77) Bromobenzene	11.25	156	351436	46.350	ug/l	98
78) n-propylbenzene	11.35	91	1511741	48.251	ug/l	100
79) 2-Chlorotoluene	11.42	91	889809	47.345	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1117209	48.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152630	46.401	ug/l	98
82) 4-Chlorotoluene	11.51	91	1025743	47.122	ug/l	99
83) tert-Butylbenzene	11.76	119	1063123	45.476	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1121789	48.051	ug/l	100
85) sec-Butylbenzene	11.94	105	1290852	48.342	ug/l	100
86) p-Isopropyltoluene	12.06	119	1192201	47.993	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	603449	45.657	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	614996	45.683	ug/l	99
89) n-Butylbenzene	12.38	91	1003052	47.343	ug/l	100
90) Hexachloroethane	12.59	117	214390	47.748	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	615600	47.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100329	47.335	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	413247	45.406	ug/l	98
94) Hexachlorobutadiene	13.77	225	194703	44.534	ug/l	99
95) Naphthalene	13.83	128	1319793	48.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	424362	47.093	ug/l	100

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

