

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013576.D
 Acq On : 25 Nov 2019 12:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/27/2019 11:34:13 AM

Quant Time: Nov 25 14:24:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	709480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1063766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	954694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	494645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	420443	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.48	113	356951	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	8.71	98	1351688	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	11.13	95	498267	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	348570	42.640	ug/l	97
3) Chloromethane	1.31	50	382455	43.143	ug/l	99
4) Vinyl Chloride	1.40	62	465439	46.118	ug/l	100
5) Bromomethane	1.63	94	280408	39.870	ug/l	99
6) Chloroethane	1.71	64	266674	46.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	535241	44.889	ug/l	98
8) Diethyl Ether	2.17	74	253821	48.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343995	51.762	ug/l	99
10) Methyl Iodide	2.50	142	407095	49.477	ug/l	98
11) Tert butyl alcohol	3.03	59	437804	197.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	327220	50.280	ug/l	99
13) Acrolein	2.28	56	409521	341.077	ug/l	97
14) Allyl chloride	2.72	41	621192	52.533	ug/l	95
15) Acrylonitrile	3.12	53	1082815	261.662	ug/l	98
16) Acetone	2.43	43	1032462	246.269	ug/l	99
17) Carbon Disulfide	2.56	76	766390	43.998	ug/l	99
18) Methyl Acetate	2.76	43	620302	53.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1176431	54.198	ug/l	99
20) Methylene Chloride	2.84	84	395824	51.100	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	350086	49.406	ug/l	97
22) Diisopropyl ether	3.84	45	1274332	55.821	ug/l	98
23) Vinyl Acetate	3.80	43	5201349	266.263	ug/l	99
24) 1,1-Dichloroethane	3.68	63	675002	52.856	ug/l	99
25) 2-Butanone	4.65	43	1565213	254.492	ug/l	100
26) 2,2-Dichloropropane	4.57	77	565762	55.689	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	422444	53.220	ug/l	100
28) Bromochloromethane	5.00	49	221847	61.182	ug/l	100
29) Tetrahydrofuran	5.11	42	955065	251.990	ug/l	99
30) Chloroform	5.19	83	659939	52.333	ug/l	97
31) Cyclohexane	5.56	56	575631	50.092	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	566278	52.180	ug/l	99
36) 1,1-Dichloropropene	5.78	75	487073	53.373	ug/l	99
37) Ethyl Acetate	4.81	43	576312	51.108	ug/l	99
38) Carbon Tetrachloride	5.77	117	482216	54.036	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	591096	51.983	ug/l	98
40) Benzene	6.13	78	1497131	52.666	ug/l	97
41) Methacrylonitrile	5.02	41	333446	52.757	ug/l	98
42) 1,2-Dichloroethane	6.18	62	527021	51.398	ug/l	99
43) Isopropyl Acetate	6.43	43	952457	54.242	ug/l	99
44) Trichloroethene	7.20	130	404919	51.748	ug/l	99
45) 1,2-Dichloropropane	7.50	63	400899	55.350	ug/l	97
46) Dibromomethane	7.65	93	256799	51.928	ug/l	98
47) Bromodichloromethane	7.89	83	528683	56.693	ug/l	96
48) Methyl methacrylate	7.76	41	475362	54.233	ug/l	98
49) 1,4-Dioxane	7.73	88	169841	846.100	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3006712	260.988	ug/l	99
52) Toluene	8.78	92	949934	53.917	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	597289	58.574	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	649887	56.974	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	400133	54.792	ug/l	99
56) Ethyl methacrylate	9.17	69	647182	51.851	ug/l	97
57) 1,3-Dichloropropane	9.36	76	668907	53.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1401747	280.729	ug/l	100
59) 2-Hexanone	9.48	43	2337514	262.560	ug/l	99
60) Dibromochloromethane	9.57	129	429540	57.512	ug/l	100
61) 1,2-Dibromoethane	9.67	107	411071	53.010	ug/l	100
64) Tetrachloroethene	9.33	164	361449	52.887	ug/l	97
65) Chlorobenzene	10.13	112	1038524	53.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	396596	55.884	ug/l	99
67) Ethyl Benzene	10.25	91	1837145	55.073	ug/l	98
68) m/p-Xylenes	10.36	106	1407338	111.553	ug/l	98
69) o-Xylene	10.70	106	680823	55.121	ug/l	99
70) Styrene	10.71	104	1185195	57.404	ug/l	98
71) Bromoform	10.85	173	335991	50.993	ug/l	99
73) Isopropylbenzene	11.01	105	1837063	56.015	ug/l	100
74) N-amyl acetate	10.89	43	860702	56.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	643139	53.754	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	597334m	59.455	ug/l	
77) Bromobenzene	11.25	156	479654	54.862	ug/l	99
78) n-propylbenzene	11.35	91	2104033	57.593	ug/l	100
79) 2-Chlorotoluene	11.42	91	1222439	55.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1530719	56.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	222826	57.087	ug/l	94
82) 4-Chlorotoluene	11.51	91	1425445	55.324	ug/l	100
83) tert-Butylbenzene	11.76	119	1577188	57.355	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1542572	56.292	ug/l	99
85) sec-Butylbenzene	11.94	105	1841984	58.283	ug/l	99
86) p-Isopropyltoluene	12.06	119	1683669	57.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	861503	55.280	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	856576	53.947	ug/l	99
89) n-Butylbenzene	12.39	91	1513207	59.591	ug/l	99
90) Hexachloroethane	12.59	117	306368	59.086	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	859637	55.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	135460	46.472	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	631336	58.100	ug/l	97
94) Hexachlorobutadiene	13.78	225	299285	56.296	ug/l	99
95) Naphthalene	13.83	128	1867696	54.782	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	617895	56.700	ug/l	99

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

