

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010425.D
 Acq On : 25 Jun 2019 09:16
 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

MMDadoda
 6/26/2019 8:49:42 AM

Quant Time: Jun 26 01:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	287145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	415861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130437	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.49	113	129394	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	486163	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	176496	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	91560	45.865	ug/l 98
3) Chloromethane	1.32	50	103188	44.390	ug/l 99
4) Vinyl Chloride	1.41	62	114708	45.052	ug/l 99
5) Bromomethane	1.64	94	54572	43.995	ug/l 99
6) Chloroethane	1.71	64	71509	47.604	ug/l 97
7) Trichlorofluoromethane	1.92	101	193750	48.003	ug/l 97
8) Diethyl Ether	2.18	74	71380	49.315	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117272	47.945	ug/l 100
10) Methyl Iodide	2.51	142	149197	42.741	ug/l 98
11) Tert butyl alcohol	3.05	59	150849	214.128	ug/l 99
12) 1,1-Dichloroethene	2.37	96	113786	45.717	ug/l 99
13) Acrolein	2.29	56	114901	245.865	ug/l 100
14) Allyl chloride	2.73	41	170129	48.147	ug/l 99
15) Acrylonitrile	3.14	53	331424	237.616	ug/l 100
16) Acetone	2.44	43	345591	256.129	ug/l 100
17) Carbon Disulfide	2.57	76	299859	44.907	ug/l 100
18) Methyl Acetate	2.77	43	126731	47.126	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	377839	48.256	ug/l 98
20) Methylene Chloride	2.85	84	131545	47.374	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	125317	46.815	ug/l 98
22) Diisopropyl ether	3.85	45	355664	48.142	ug/l 89
23) Vinyl Acetate	3.81	43	1596098	250.083	ug/l 100
24) 1,1-Dichloroethane	3.70	63	202919	47.517	ug/l 99
25) 2-Butanone	4.67	43	493400	249.289	ug/l 99
26) 2,2-Dichloropropane	4.58	77	182531	49.204	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	147605	47.717	ug/l 99
28) Bromochloromethane	5.01	49	94485	46.276	ug/l 98
29) Tetrahydrofuran	5.12	42	288261	235.133	ug/l 100
30) Chloroform	5.21	83	220615	48.015	ug/l 98
31) Cyclohexane	5.57	56	184732	47.503	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	198314	48.880	ug/l 99
36) 1,1-Dichloropropene	5.79	75	160874	48.681	ug/l 100
37) Ethyl Acetate	4.83	43	170095	50.032	ug/l 100
38) Carbon Tetrachloride	5.78	117	178870	49.985	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215863	49.694	ug/l	96
40) Benzene	6.14	78	511017	49.635	ug/l	100
41) Methacrylonitrile	5.04	41	92667	49.678	ug/l	99
42) 1,2-Dichloroethane	6.19	62	158361	50.530	ug/l	100
43) Isopropyl Acetate	6.44	43	280964	49.951	ug/l	99
44) Trichloroethene	7.21	130	152944	49.646	ug/l	100
45) 1,2-Dichloropropane	7.51	63	128549	49.443	ug/l	97
46) Dibromomethane	7.66	93	91427	49.013	ug/l	99
47) Bromodichloromethane	7.89	83	172305	50.403	ug/l	98
48) Methyl methacrylate	7.77	41	132880	50.825	ug/l	100
49) 1,4-Dioxane	7.74	88	70953	942.072	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	897626	249.523	ug/l	99
52) Toluene	8.78	92	333259	49.153	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193282	50.430	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213650	51.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140558	50.267	ug/l	98
56) Ethyl methacrylate	9.18	69	211842	50.011	ug/l	99
57) 1,3-Dichloropropane	9.37	76	215286	49.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	532864	264.876	ug/l	100
59) 2-Hexanone	9.49	43	709369	250.549	ug/l	99
60) Dibromochloromethane	9.58	129	158402	50.594	ug/l	97
61) 1,2-Dibromoethane	9.67	107	151278	50.122	ug/l	99
64) Tetrachloroethene	9.34	164	148464	48.340	ug/l	98
65) Chlorobenzene	10.13	112	383463	49.742	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	142418	50.718	ug/l	99
67) Ethyl Benzene	10.25	91	651634	50.070	ug/l	99
68) m/p-Xylenes	10.35	106	509730	101.081	ug/l	99
69) o-Xylene	10.69	106	247028	49.813	ug/l	99
70) Styrene	10.71	104	424223	51.009	ug/l	100
71) Bromoform	10.85	173	128007	52.420	ug/l #	99
73) Isopropylbenzene	11.02	105	668294	50.035	ug/l	99
74) N-amyl acetate	10.90	43	252781	50.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211081	47.720	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179856m	50.093	ug/l	
77) Bromobenzene	11.25	156	181708	48.722	ug/l	100
78) n-propylbenzene	11.36	91	750881	51.152	ug/l	99
79) 2-Chlorotoluene	11.42	91	431480	49.362	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551322	50.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75822	49.265	ug/l	98
82) 4-Chlorotoluene	11.51	91	501293	50.399	ug/l	99
83) tert-Butylbenzene	11.77	119	557383	50.436	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	559001	50.532	ug/l	99
85) sec-Butylbenzene	11.94	105	657012	50.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	618929	51.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322414	49.525	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320197	48.313	ug/l	100
89) n-Butylbenzene	12.38	91	539097	52.858	ug/l	100
90) Hexachloroethane	12.59	117	108337	52.202	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	311903	48.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44056	46.195	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229033	51.044	ug/l	100
94) Hexachlorobutadiene	13.78	225	111304	50.755	ug/l	99
95) Naphthalene	13.83	128	691348	50.138	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	226634	50.801	ug/l	100

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

