

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010374.D
 Acq On : 21 Jun 2019 10:35
 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
 6/24/2019 11:22:58 AM

Quant Time: Jun 21 23:22:06 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	5.66	168	290656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129978	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	128990	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.71	98	492324	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	175463	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	101451	50.205	ug/l 99
3) Chloromethane	1.32	50	111867	47.542	ug/l 100
4) Vinyl Chloride	1.41	62	123732	48.009	ug/l 100
5) Bromomethane	1.64	94	58194	46.348	ug/l 99
6) Chloroethane	1.71	64	74423	48.945	ug/l 98
7) Trichlorofluoromethane	1.93	101	207771	50.855	ug/l 99
8) Diethyl Ether	2.19	74	73650	50.268	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	127482	51.490	ug/l 99
10) Methyl Iodide	2.51	142	155298	43.951	ug/l 100
11) Tert butyl alcohol	3.05	59	154074	216.064	ug/l 99
12) 1,1-Dichloroethene	2.37	96	123829	49.151	ug/l 99
13) Acrolein	2.29	56	113918	240.817	ug/l 100
14) Allyl chloride	2.73	41	184769	51.658	ug/l 99
15) Acrylonitrile	3.14	53	349781	247.748	ug/l 100
16) Acetone	2.44	43	360216	263.744	ug/l 100
17) Carbon Disulfide	2.57	76	334848	49.541	ug/l 98
18) Methyl Acetate	2.77	43	132332	48.614	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	400566	50.541	ug/l 97
20) Methylene Chloride	2.85	84	140353	49.935	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	135050	49.842	ug/l 98
22) Diisopropyl ether	3.85	45	379578	50.758	ug/l 90
23) Vinyl Acetate	3.81	43	1699390	263.050	ug/l 99
24) 1,1-Dichloroethane	3.70	63	216911	50.180	ug/l 99
25) 2-Butanone	4.67	43	509854	254.491	ug/l 98
26) 2,2-Dichloropropane	4.58	77	199638	53.165	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	158908	50.751	ug/l 100
28) Bromochloromethane	5.01	49	98506	47.663	ug/l 100
29) Tetrahydrofuran	5.12	42	302111	243.454	ug/l 99
30) Chloroform	5.21	83	234300	50.377	ug/l 99
31) Cyclohexane	5.57	56	203709	51.750	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	210804	51.331	ug/l 100
36) 1,1-Dichloropropene	5.80	75	175763	52.221	ug/l 100
37) Ethyl Acetate	4.83	43	178724	51.616	ug/l 100
38) Carbon Tetrachloride	5.78	117	192470	52.808	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239392	54.110	ug/l	98
40) Benzene	6.14	78	545469	52.019	ug/l	99
41) Methacrylonitrile	5.04	41	97962	51.563	ug/l	98
42) 1,2-Dichloroethane	6.18	62	169190	53.005	ug/l	99
43) Isopropyl Acetate	6.44	43	302151	52.743	ug/l	99
44) Trichloroethene	7.21	130	164411	52.399	ug/l	100
45) 1,2-Dichloropropane	7.51	63	137474	51.916	ug/l	99
46) Dibromomethane	7.66	93	99523	52.384	ug/l	99
47) Bromodichloromethane	7.90	83	185977	53.415	ug/l	100
48) Methyl methacrylate	7.76	41	141616	53.183	ug/l	99
49) 1,4-Dioxane	7.74	88	73852	962.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	946920	258.446	ug/l	99
52) Toluene	8.78	92	363971	52.708	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	212970	54.558	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	231929	54.674	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	147269	51.711	ug/l	99
56) Ethyl methacrylate	9.18	69	228920	53.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	226950	51.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	587102	286.538	ug/l	99
59) 2-Hexanone	9.49	43	730687	253.393	ug/l	100
60) Dibromochloromethane	9.58	129	168853	52.953	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160517	52.218	ug/l	100
64) Tetrachloroethene	9.34	164	157988	51.198	ug/l	97
65) Chlorobenzene	10.13	112	406280	52.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	153570	54.431	ug/l	100
67) Ethyl Benzene	10.25	91	689582	52.735	ug/l	100
68) m/p-Xylenes	10.35	106	541065	106.788	ug/l	99
69) o-Xylene	10.69	106	261553	52.493	ug/l	99
70) Styrene	10.71	104	448387	53.660	ug/l	100
71) Bromoform	10.85	173	135997	55.430	ug/l	100
73) Isopropylbenzene	11.02	105	700364	51.832	ug/l	99
74) N-amyl acetate	10.90	43	267926	52.467	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	224504	50.170	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185999m	51.207	ug/l	
77) Bromobenzene	11.26	156	190469	50.483	ug/l	100
78) n-propylbenzene	11.36	91	795988	53.600	ug/l	100
79) 2-Chlorotoluene	11.42	91	455005	51.453	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	587119	52.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80368	51.617	ug/l	99
82) 4-Chlorotoluene	11.51	91	531425	52.813	ug/l	99
83) tert-Butylbenzene	11.77	119	588623	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	595431	53.205	ug/l	99
85) sec-Butylbenzene	11.94	105	700378	53.354	ug/l	100
86) p-Isopropyltoluene	12.06	119	654121	53.872	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342757	52.044	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	339699	50.665	ug/l	99
89) n-Butylbenzene	12.38	91	575248	55.753	ug/l	100
90) Hexachloroethane	12.59	117	116940	55.698	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	329159	50.287	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47163	48.884	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	247799	54.590	ug/l	98
94) Hexachlorobutadiene	13.78	225	119456	53.845	ug/l	99
95) Naphthalene	13.83	128	737715	52.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242982	53.838	ug/l	100

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

