

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010525.D
 Acq On : 28 Jun 2019 10:11
 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
 7/1/2019 11:35:33 AM

Quant Time: Jun 29 04:49:48 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	262851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	369913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	181638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124957	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	5.49	113	123845	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	8.71	98	462664	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	11.13	95	172319	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81985	44.864	ug/l	98
3) Chloromethane	1.32	50	88374	41.531	ug/l	98
4) Vinyl Chloride	1.41	62	99127	42.531	ug/l	99
5) Bromomethane	1.64	94	51676	45.510	ug/l	99
6) Chloroethane	1.71	64	64686	47.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	179483	48.578	ug/l	100
8) Diethyl Ether	2.19	74	62742	47.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107398	47.967	ug/l	99
10) Methyl Iodide	2.51	142	154925	48.484	ug/l	98
11) Tert butyl alcohol	3.04	59	130581	202.490	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102163	44.841	ug/l	99
13) Acrolein	2.29	56	104192	243.556	ug/l	98
14) Allyl chloride	2.73	41	149060	46.083	ug/l	99
15) Acrylonitrile	3.14	53	291710	228.473	ug/l	99
16) Acetone	2.44	43	299828	242.751	ug/l	98
17) Carbon Disulfide	2.57	76	245533	40.169	ug/l	99
18) Methyl Acetate	2.77	43	113327	46.036	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	339200	47.325	ug/l	99
20) Methylene Chloride	2.85	84	118242	46.519	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	111867	45.653	ug/l	97
22) Diisopropyl ether	3.85	45	320600	47.406	ug/l	90
23) Vinyl Acetate	3.81	43	1407590	240.931	ug/l	100
24) 1,1-Dichloroethane	3.69	63	183727	47.000	ug/l	99
25) 2-Butanone	4.67	43	422762	233.341	ug/l	99
26) 2,2-Dichloropropane	4.58	77	162083	47.730	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132182	46.681	ug/l	99
28) Bromochloromethane	5.01	49	83087	44.455	ug/l	98
29) Tetrahydrofuran	5.12	42	248533	221.464	ug/l	99
30) Chloroform	5.21	83	200244	47.609	ug/l	97
31) Cyclohexane	5.57	56	163403	45.902	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	176617	47.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143387	48.779	ug/l	99
37) Ethyl Acetate	4.83	43	151550	50.115	ug/l	99
38) Carbon Tetrachloride	5.78	117	158404	49.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194049	50.221	ug/l	97
40) Benzene	6.14	78	451774	49.331	ug/l	99
41) Methacrylonitrile	5.03	41	81911	49.366	ug/l	98
42) 1,2-Dichloroethane	6.19	62	145889	52.333	ug/l	99
43) Isopropyl Acetate	6.44	43	249997	49.967	ug/l	99
44) Trichloroethene	7.21	130	139379	50.862	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115190	49.808	ug/l	97
46) Dibromomethane	7.66	93	83312	50.210	ug/l	100
47) Bromodichloromethane	7.90	83	153072	50.339	ug/l	100
48) Methyl methacrylate	7.77	41	117426	50.493	ug/l	99
49) 1,4-Dioxane	7.74	88	60404	901.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	801333	250.424	ug/l	99
52) Toluene	8.78	92	303510	50.326	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170639	50.053	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	188888	50.984	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	126866	51.006	ug/l	98
56) Ethyl methacrylate	9.18	69	192651	51.130	ug/l	98
57) 1,3-Dichloropropane	9.37	76	194215	50.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458075	255.984	ug/l	99
59) 2-Hexanone	9.49	43	631872	250.898	ug/l	100
60) Dibromochloromethane	9.58	129	140474	50.441	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135316	50.402	ug/l	100
64) Tetrachloroethene	9.34	164	139972	50.837	ug/l	98
65) Chlorobenzene	10.13	112	350527	50.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	130496	51.838	ug/l	99
67) Ethyl Benzene	10.25	91	595863	51.071	ug/l	100
68) m/p-Xylenes	10.35	106	462790	102.368	ug/l	99
69) o-Xylene	10.69	106	226748	51.002	ug/l	99
70) Styrene	10.71	104	390891	52.428	ug/l	100
71) Bromoform	10.85	173	111275	50.830	ug/l	99
73) Isopropylbenzene	11.02	105	611329	49.650	ug/l	99
74) N-amyl acetate	10.90	43	232777	50.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	195014	47.825	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161752m	48.869	ug/l	
77) Bromobenzene	11.25	156	168865	49.116	ug/l	99
78) n-propylbenzene	11.36	91	685814	50.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	396174	49.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	513516	50.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63233	44.568	ug/l	96
82) 4-Chlorotoluene	11.51	91	461537	50.335	ug/l	99
83) tert-Butylbenzene	11.77	119	516912	50.738	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	520667	51.056	ug/l	99
85) sec-Butylbenzene	11.94	105	617255	51.602	ug/l	99
86) p-Isopropyltoluene	12.06	119	576385	52.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302361	50.382	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	300373	49.163	ug/l	100
89) n-Butylbenzene	12.38	91	500236	53.205	ug/l	99
90) Hexachloroethane	12.60	117	90813	47.467	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	294988	49.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39769	45.235	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	218436	52.808	ug/l	100
94) Hexachlorobutadiene	13.78	225	111282	55.047	ug/l	98
95) Naphthalene	13.83	128	633965	49.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	216042	52.531	ug/l	100

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

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