

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009649.D
 Acq On : 17 May 2019 08:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:21:30 PM

Quant Time: May 17 09:02:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106839	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.49	113	79621	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	310758	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	118196	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	58527	41.123	ug/l 100
3) Chloromethane	1.32	50	91993	47.344	ug/l 99
4) Vinyl Chloride	1.41	62	91461	48.271	ug/l 99
5) Bromomethane	1.64	94	60105	52.851	ug/l 98
6) Chloroethane	1.71	64	59197	48.662	ug/l 99
7) Trichlorofluoromethane	1.92	101	116808	50.717	ug/l 98
8) Diethyl Ether	2.19	74	56085	51.409	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69724	48.208	ug/l 100
10) Methyl Iodide	2.51	142	87720	51.998	ug/l 99
11) Tert butyl alcohol	3.06	59	129462	265.275	ug/l 100
12) 1,1-Dichloroethene	2.37	96	72335	49.916	ug/l 99
13) Acrolein	2.29	56	93381	211.281	ug/l 99
14) Allyl chloride	2.73	41	170107	48.168	ug/l 99
15) Acrylonitrile	3.14	53	316180	264.969	ug/l 100
16) Acetone	2.45	43	278788	246.258	ug/l 97
17) Carbon Disulfide	2.57	76	188906	46.431	ug/l 99
18) Methyl Acetate	2.78	43	144164	53.546	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	296889	52.758	ug/l 99
20) Methylene Chloride	2.85	84	89658	48.913	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	78670	50.058	ug/l 96
22) Diisopropyl ether	3.85	45	357280	52.606	ug/l 98
23) Vinyl Acetate	3.81	43	1552345	266.924	ug/l 99
24) 1,1-Dichloroethane	3.70	63	172479	51.481	ug/l 100
25) 2-Butanone	4.67	43	469547	266.902	ug/l 98
26) 2,2-Dichloropropane	4.58	77	71091	28.507	ug/l 95
27) cis-1,2-Dichloroethene	4.59	96	95503	50.911	ug/l 95
28) Bromochloromethane	5.02	49	59129	43.485	ug/l 99
29) Tetrahydrofuran	5.13	42	311469	275.133	ug/l 98
30) Chloroform	5.21	83	158792	52.403	ug/l 100
31) Cyclohexane	5.57	56	154596	49.597	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	130843	51.871	ug/l 99
36) 1,1-Dichloropropene	5.80	75	117284	49.504	ug/l 100
37) Ethyl Acetate	4.84	43	175052	53.031	ug/l 99
38) Carbon Tetrachloride	5.79	117	108018	50.182	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136042	46.757	ug/l	98
40) Benzene	6.14	78	369296	50.366	ug/l	99
41) Methacrylonitrile	5.04	41	101153	51.478	ug/l	99
42) 1,2-Dichloroethane	6.19	62	137006	52.090	ug/l	99
43) Isopropyl Acetate	6.45	43	282941	53.587	ug/l	99
44) Trichloroethene	7.21	130	86844	48.993	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106260	51.181	ug/l	98
46) Dibromomethane	7.66	93	61179	50.744	ug/l	99
47) Bromodichloromethane	7.90	83	125008	51.979	ug/l	97
48) Methyl methacrylate	7.77	41	142172	54.273	ug/l	98
49) 1,4-Dioxane	7.74	88	52598	990.090	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	953656	276.329	ug/l	99
52) Toluene	8.78	92	223556	50.158	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132490	48.795	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	145112	48.285	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93373	51.351	ug/l	98
56) Ethyl methacrylate	9.18	69	174488	53.757	ug/l	99
57) 1,3-Dichloropropane	9.37	76	163580	51.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	382933	222.388	ug/l	100
59) 2-Hexanone	9.49	43	739140	272.695	ug/l	98
60) Dibromochloromethane	9.58	129	94209	53.047	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94950	51.730	ug/l	100
64) Tetrachloroethene	9.34	164	83577	51.729	ug/l	99
65) Chlorobenzene	10.13	112	235438	49.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87603	51.283	ug/l	100
67) Ethyl Benzene	10.25	91	436534	50.341	ug/l	100
68) m/p-Xylenes	10.36	106	322226	101.686	ug/l	99
69) o-Xylene	10.70	106	158258	50.618	ug/l	99
70) Styrene	10.71	104	279165	51.373	ug/l	99
71) Bromoform	10.85	173	74204	53.454	ug/l #	99
73) Isopropylbenzene	11.02	105	420628	48.987	ug/l	99
74) N-amyl acetate	10.90	43	261897	52.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160002	49.986	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136927m	49.991	ug/l	
77) Bromobenzene	11.26	156	106269	49.863	ug/l	99
78) n-propylbenzene	11.36	91	484224	49.379	ug/l	100
79) 2-Chlorotoluene	11.42	91	293428	48.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	356618	49.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45499	42.503	ug/l	97
82) 4-Chlorotoluene	11.51	91	337865	49.433	ug/l	99
83) tert-Butylbenzene	11.77	119	342883	48.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	363501	50.090	ug/l	100
85) sec-Butylbenzene	11.94	105	411947	49.404	ug/l	100
86) p-Isopropyltoluene	12.06	119	371567	49.567	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	186522	49.094	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188288	49.157	ug/l	99
89) n-Butylbenzene	12.38	91	333014	49.151	ug/l	100
90) Hexachloroethane	12.60	117	65625	51.386	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	192089	49.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36905	51.395	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	131297	49.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	65689	48.610	ug/l	98
95) Naphthalene	13.83	128	436624	50.715	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134832	50.265	ug/l	99

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

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