

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010346.D
 Acq On : 19 Jun 2019 13:28
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 1:23:28 PM

Quant Time: Jun 20 03:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212736	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	141356	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	139519	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	534938	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	193598	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101184	38.637	ug/l	100
3) Chloromethane	1.32	50	117586	43.604	ug/l	100
4) Vinyl Chloride	1.41	62	125867	48.678	ug/l	100
5) Bromomethane	1.64	94	60904	59.088	ug/l	100
6) Chloroethane	1.71	64	76201	57.486	ug/l	100
7) Trichlorofluoromethane	1.93	101	207301	52.904	ug/l	100
8) Diethyl Ether	2.19	74	74596	54.488	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122971	46.505	ug/l	100
10) Methyl Iodide	2.51	142	190338	47.105	ug/l	100
11) Tert butyl alcohol	3.05	59	175778	243.904	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127673	47.223	ug/l	100
13) Acrolein	2.29	56	115338	590.368	ug/l	100
14) Allyl chloride	2.73	41	185270	45.628	ug/l	100
15) Acrylonitrile	3.14	53	364149	246.215	ug/l	100
16) Acetone	2.45	43	369735	261.837	ug/l	100
17) Carbon Disulfide	2.57	76	341257	44.021	ug/l	100
18) Methyl Acetate	2.78	43	137795	45.424	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	403143	46.508	ug/l	100
20) Methylene Chloride	2.85	84	141393	46.541	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	136365	45.655	ug/l	100
22) Diisopropyl ether	3.85	45	378780	48.485	ug/l	100
23) Vinyl Acetate	3.82	43	1709495	245.232	ug/l	100
24) 1,1-Dichloroethane	3.70	63	220815	46.615	ug/l	100
25) 2-Butanone	4.67	43	529752	254.730	ug/l	100
26) 2,2-Dichloropropane	4.58	77	189673	44.357	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	159282	47.766	ug/l	100
28) Bromochloromethane	5.01	49	103715	48.554	ug/l	100
29) Tetrahydrofuran	5.13	42	320065	245.826	ug/l	100
30) Chloroform	5.21	83	234486	47.646	ug/l	100
31) Cyclohexane	5.58	56	200908	47.274	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	211159	45.719	ug/l	100
36) 1,1-Dichloropropene	5.80	75	173171	47.547	ug/l	100
37) Ethyl Acetate	4.84	43	187562	49.268	ug/l	100
38) Carbon Tetrachloride	5.79	117	193881	47.118	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229218	46.380	ug/l	100
40) Benzene	6.14	78	552717	48.965	ug/l	100
41) Methacrylonitrile	5.04	41	100418	48.922	ug/l	100
42) 1,2-Dichloroethane	6.19	62	171532	47.782	ug/l	100
43) Isopropyl Acetate	6.45	43	304337	48.018	ug/l	100
44) Trichloroethene	7.21	130	164204	48.208	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138125	48.891	ug/l	100
46) Dibromomethane	7.66	93	100021	47.217	ug/l	100
47) Bromodichloromethane	7.90	83	187320	47.630	ug/l	100
48) Methyl methacrylate	7.77	41	144465	48.906	ug/l	100
49) 1,4-Dioxane	7.74	88	81099	959.679	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	980127	257.527	ug/l	100
52) Toluene	8.79	92	364556	48.994	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209856	46.396	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229303	47.065	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151515	49.775	ug/l	100
56) Ethyl methacrylate	9.18	69	233831	48.929	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234544	48.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	562858	249.485	ug/l	100
59) 2-Hexanone	9.49	43	781593	257.237	ug/l	100
60) Dibromochloromethane	9.58	129	172311	48.163	ug/l	100
61) 1,2-Dibromoethane	9.67	107	163572	48.375	ug/l	100
64) Tetrachloroethene	9.34	164	160246	51.192	ug/l	100
65) Chlorobenzene	10.13	112	412469	48.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	155440	47.452	ug/l	100
67) Ethyl Benzene	10.25	91	704553	48.399	ug/l	100
68) m/p-Xylenes	10.36	106	548728	97.313	ug/l	100
69) o-Xylene	10.69	106	266589	47.652	ug/l	100
70) Styrene	10.71	104	459162	48.532	ug/l	100
71) Bromoform	10.85	173	140942	46.975	ug/l	100
73) Isopropylbenzene	11.02	105	703157	47.525	ug/l	100
74) N-amyl acetate	10.90	43	280047	47.899	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	235274	46.538	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192817m	45.722	ug/l	
77) Bromobenzene	11.26	156	195207	47.865	ug/l	100
78) n-propylbenzene	11.36	91	791746	48.050	ug/l	100
79) 2-Chlorotoluene	11.42	91	463158	46.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	594556	47.630	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84300	44.753	ug/l	100
82) 4-Chlorotoluene	11.51	91	536918	47.869	ug/l	100
83) tert-Butylbenzene	11.77	119	590218	46.853	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	603582	47.858	ug/l	100
85) sec-Butylbenzene	11.94	105	699079	47.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	648962	48.208	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	340807	47.534	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	343091	47.304	ug/l	100
89) n-Butylbenzene	12.38	91	559060	48.291	ug/l	100
90) Hexachloroethane	12.60	117	116627	44.121	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	338276	48.338	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49346	42.022	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239826	46.866	ug/l	100
94) Hexachlorobutadiene	13.78	225	117059	50.665	ug/l	100
95) Naphthalene	13.83	128	754055	47.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	240561	47.455	ug/l	100

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

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