

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010049.D
 Acq On : 03 Jun 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:29:57 AM

Quant Time: Jun 04 05:30:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	265139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123268	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	107992	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
35) Dibromofluoromethane	5.49	113	79445	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	326030	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	121744	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	105078	51.125	ug/l	100
3) Chloromethane	1.32	50	125328	45.358	ug/l	100
4) Vinyl Chloride	1.41	62	119543	47.993	ug/l	98
5) Bromomethane	1.64	94	58628	38.848	ug/l	98
6) Chloroethane	1.71	64	65654	42.818	ug/l	99
7) Trichlorofluoromethane	1.92	101	126931	46.115	ug/l	98
8) Diethyl Ether	2.19	74	56118	43.386	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78118	47.008	ug/l	99
10) Methyl Iodide	2.51	142	100991	49.163	ug/l	100
11) Tert butyl alcohol	3.05	59	129472	221.429	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79738	46.812	ug/l	97
13) Acrolein	2.29	56	87259	213.866	ug/l	99
14) Allyl chloride	2.73	41	188758	45.593	ug/l	99
15) Acrylonitrile	3.14	53	316355	224.549	ug/l	99
16) Acetone	2.45	43	291559	212.391	ug/l	98
17) Carbon Disulfide	2.57	76	219455	42.605	ug/l	100
18) Methyl Acetate	2.78	43	152801	47.837	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	305932	47.572	ug/l	100
20) Methylene Chloride	2.85	84	95245	45.308	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84673	44.675	ug/l	97
22) Diisopropyl ether	3.85	45	368579	46.790	ug/l	95
23) Vinyl Acetate	3.82	43	1630040	230.345	ug/l	99
24) 1,1-Dichloroethane	3.70	63	178040	46.639	ug/l	99
25) 2-Butanone	4.67	43	476028	222.576	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124486	43.108	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	99810	45.621	ug/l	97
28) Bromochloromethane	5.01	49	88396	44.622	ug/l	96
29) Tetrahydrofuran	5.13	42	308452	224.905	ug/l	99
30) Chloroform	5.21	83	163681	47.543	ug/l	97
31) Cyclohexane	5.58	56	171419	47.411	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	136676	48.746	ug/l	99
36) 1,1-Dichloropropene	5.80	75	123823	46.028	ug/l	99
37) Ethyl Acetate	4.84	43	178362	47.584	ug/l	100
38) Carbon Tetrachloride	5.79	117	113307	48.742	ug/l	98

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39) Methylcyclohexane	7.46	83	153181	48.004	ug/l	98
40) Benzene	6.14	78	383981	48.117	ug/l	100
41) Methacrylonitrile	5.04	41	101464	46.324	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138829	47.057	ug/l	99
43) Isopropyl Acetate	6.45	43	287241	47.492	ug/l	99
44) Trichloroethene	7.21	130	92085	47.505	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109805	47.799	ug/l	98
46) Dibromomethane	7.66	93	62326	46.092	ug/l	97
47) Bromodichloromethane	7.90	83	125538	48.821	ug/l	99
48) Methyl methacrylate	7.77	41	144977	48.422	ug/l	99
49) 1,4-Dioxane	7.74	88	46692	838.393	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	945840	240.402	ug/l	99
52) Toluene	8.78	92	235778	48.661	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148743	48.233	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163714	48.724	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95351	48.894	ug/l	99
56) Ethyl methacrylate	9.18	69	177225	51.046	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168465	48.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	443438	243.571	ug/l	99
59) 2-Hexanone	9.49	43	727707	240.237	ug/l	99
60) Dibromochloromethane	9.58	129	96128	50.109	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98436	49.132	ug/l	100
64) Tetrachloroethene	9.34	164	82528	48.330	ug/l	97
65) Chlorobenzene	10.14	112	247358	48.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89348	50.334	ug/l	100
67) Ethyl Benzene	10.25	91	458916	49.940	ug/l	100
68) m/p-Xylenes	10.36	106	336501	99.120	ug/l	98
69) o-Xylene	10.69	106	164520	50.531	ug/l	99
70) Styrene	10.71	104	290829	50.941	ug/l	99
71) Bromoform	10.85	173	73235	50.472	ug/l #	100
73) Isopropylbenzene	11.02	105	438588	48.223	ug/l	100
74) N-amyl acetate	10.90	43	266262	48.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160173	47.206	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139223m	47.231	ug/l	
77) Bromobenzene	11.26	156	111405	48.065	ug/l	96
78) n-propylbenzene	11.36	91	509699	48.619	ug/l	100
79) 2-Chlorotoluene	11.42	91	301863	47.129	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	370534	48.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54197	45.490	ug/l	99
82) 4-Chlorotoluene	11.51	91	350614	47.023	ug/l	99
83) tert-Butylbenzene	11.77	119	360855	49.227	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	373228	47.965	ug/l	99
85) sec-Butylbenzene	11.94	105	424754	48.705	ug/l	99
86) p-Isopropyltoluene	12.06	119	390629	49.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	196701	47.668	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	197609	46.956	ug/l	99
89) n-Butylbenzene	12.38	91	360187	48.860	ug/l	99
90) Hexachloroethane	12.60	117	64651	48.026	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	195800	48.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36202	45.327	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140317	48.263	ug/l	99
94) Hexachlorobutadiene	13.78	225	69673	47.778	ug/l	100
95) Naphthalene	13.83	128	449194	49.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140123	48.148	ug/l	99

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

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