

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011619\
 Data File : VX007067.D
 Acq On : 16 Jan 2019 10:52
 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
 1/17/2019 9:09:43 AM

Quant Time: Jan 17 00:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	601957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	868608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	793866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	421020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	286142	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	5.50	113	266109	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1009559	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	362191	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	269528	54.524	ug/l	100
3) Chloromethane	1.32	50	291017	50.571	ug/l	98
4) Vinyl Chloride	1.41	62	317643	51.314	ug/l	99
5) Bromomethane	1.64	94	319213	48.266	ug/l	99
6) Chloroethane	1.71	64	201729	46.672	ug/l	95
7) Trichlorofluoromethane	1.92	101	512250	51.215	ug/l	98
8) Diethyl Ether	2.19	74	196398	49.356	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	311202	51.970	ug/l	99
10) Methyl Iodide	2.51	142	456326	56.494	ug/l	100
11) Tert butyl alcohol	3.08	59	348702	234.975	ug/l	98
12) 1,1-Dichloroethene	2.37	96	279773	50.569	ug/l	96
13) Acrolein	2.29	56	163285	255.060	ug/l	99
14) Allyl chloride	2.73	41	484055	51.052	ug/l	99
15) Acrylonitrile	3.15	53	850950	249.786	ug/l	100
16) Acetone	2.45	43	793867	255.258	ug/l	99
17) Carbon Disulfide	2.57	76	675257	47.407	ug/l	99
18) Methyl Acetate	2.78	43	456992	50.740	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	964516	50.229	ug/l	99
20) Methylene Chloride	2.85	84	310157	52.460	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	299035	48.503	ug/l	99
22) Diisopropyl ether	3.87	45	909726	51.036	ug/l	96
23) Vinyl Acetate	3.82	43	3791956	252.252	ug/l	100
24) 1,1-Dichloroethane	3.70	63	530245	53.199	ug/l	99
25) 2-Butanone	4.70	43	1121695	252.064	ug/l	98
26) 2,2-Dichloropropane	4.59	77	412366	53.803	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	331394	48.731	ug/l	97
28) Bromochloromethane	5.02	49	207638	47.548	ug/l	96
29) Tetrahydrofuran	5.15	42	706916	244.441	ug/l	98
30) Chloroform	5.21	83	532086	50.987	ug/l	99
31) Cyclohexane	5.57	56	449314	50.648	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	457931	51.771	ug/l	98
36) 1,1-Dichloropropene	5.79	75	390415	51.698	ug/l	100
37) Ethyl Acetate	4.85	43	412741	50.979	ug/l	99
38) Carbon Tetrachloride	5.78	117	410056	53.969	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	509305	52.901	ug/l	95
40) Benzene	6.14	78	1181136	51.258	ug/l	99
41) Methacrylonitrile	5.06	41	230209	49.358	ug/l	98
42) 1,2-Dichloroethane	6.20	62	400063	50.242	ug/l	100
43) Isopropyl Acetate	6.46	43	678107	53.099	ug/l	98
44) Trichloroethene	7.21	130	352649	51.071	ug/l	97
45) 1,2-Dichloropropane	7.51	63	302188	52.164	ug/l	98
46) Dibromomethane	7.66	93	214263	52.627	ug/l	98
47) Bromodichloromethane	7.90	83	384797	55.525	ug/l	96
48) Methyl methacrylate	7.77	41	342516	52.227	ug/l	97
49) 1,4-Dioxane	7.75	88	155255	1036.936	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2168841	264.259	ug/l	100
52) Toluene	8.78	92	783577	52.907	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	442856	57.629	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	481669	56.758	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	324537	54.746	ug/l	99
56) Ethyl methacrylate	9.18	69	475834	54.983	ug/l	96
57) 1,3-Dichloropropane	9.37	76	515804	53.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1148600	258.134	ug/l	99
59) 2-Hexanone	9.49	43	1681712	268.885	ug/l	99
60) Dibromochloromethane	9.59	129	345276	59.982	ug/l	98
61) 1,2-Dibromoethane	9.67	107	352671	54.039	ug/l	99
64) Tetrachloroethene	9.34	164	360238	52.413	ug/l	96
65) Chlorobenzene	10.14	112	908547	52.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	333772	57.303	ug/l	98
67) Ethyl Benzene	10.25	91	1528927	53.488	ug/l	99
68) m/p-Xylenes	10.36	106	1215098	107.896	ug/l	99
69) o-Xylene	10.70	106	587904	53.528	ug/l	97
70) Styrene	10.71	104	952481	54.756	ug/l	99
71) Bromoform	10.86	173	261718	50.202	ug/l	100
73) Isopropylbenzene	11.02	105	1585053	53.391	ug/l	98
74) N-amyl acetate	10.90	43	609319	50.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	470925	49.966	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	442375m	51.850	ug/l	
77) Bromobenzene	11.26	156	420031	51.348	ug/l	100
78) n-propylbenzene	11.36	91	1778762	54.579	ug/l	99
79) 2-Chlorotoluene	11.42	91	1019235	51.953	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1311465	52.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139421	49.368	ug/l	98
82) 4-Chlorotoluene	11.51	91	1207126	53.142	ug/l	100
83) tert-Butylbenzene	11.77	119	1327936	53.654	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1334874	53.513	ug/l	99
85) sec-Butylbenzene	11.94	105	1618661	54.762	ug/l	100
86) p-Isopropyltoluene	12.07	119	1441990	54.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	765399	51.767	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	770231	54.967	ug/l	100
89) n-Butylbenzene	12.39	91	1278658	56.733	ug/l	99
90) Hexachloroethane	12.60	117	226522	53.455	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	758317	51.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	98741	52.972	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	549494	54.892	ug/l	99
94) Hexachlorobutadiene	13.78	225	252382	56.813	ug/l	99
95) Naphthalene	13.83	128	1619683	53.395	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	541952	54.499	ug/l	98

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

