

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007004.D
 Acq On : 11 Jan 2019 10:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Jan 11 13:51:25 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	5.67	168	554176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	799137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	735192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386984	50.00	ug/l	0.00

System Monitoring Compounds

MMDadoda

33) 1,2-Dichloroethane-d4	6.07	65	287514	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.50	113	263160	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	8.71	98	973627	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.13	95	353741	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.20	85	262514	57.684	ug/l	96
3) Chloromethane	1.33	50	280136	52.878	ug/l	99
4) Vinyl Chloride	1.41	62	295833	51.911	ug/l	99
5) Bromomethane	1.64	94	298668	49.053	ug/l	96
6) Chloroethane	1.72	64	192860	48.467	ug/l	97
7) Trichlorofluoromethane	1.93	101	473393	51.411	ug/l	97
8) Diethyl Ether	2.19	74	178329	48.679	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	281428	51.050	ug/l	99
10) Methyl Iodide	2.51	142	438868	59.017	ug/l	100
11) Tert butyl alcohol	3.07	59	327327	239.589	ug/l	99
12) 1,1-Dichloroethene	2.38	96	255763	50.216	ug/l	99
13) Acrolein	2.30	56	123181	209.562	ug/l	97
14) Allyl chloride	2.73	41	442428	50.685	ug/l	99
15) Acrylonitrile	3.15	53	793127	252.886	ug/l	100
16) Acetone	2.45	43	803192	280.524	ug/l	97
17) Carbon Disulfide	2.57	76	636937	48.572	ug/l	99
18) Methyl Acetate	2.78	43	405646	48.922	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	893025	50.516	ug/l	99
20) Methylene Chloride	2.86	84	291206	53.513	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	275823	48.595	ug/l	95
22) Diisopropyl ether	3.87	45	844068	51.435	ug/l	95
23) Vinyl Acetate	3.82	43	3534927	255.429	ug/l	100
24) 1,1-Dichloroethane	3.70	63	464610	50.633	ug/l	99
25) 2-Butanone	4.70	43	1088116	265.601	ug/l	98
26) 2,2-Dichloropropane	4.59	77	369616	52.383	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	311735	49.792	ug/l	98
28) Bromochloromethane	5.02	49	207987	51.734	ug/l	96
29) Tetrahydrofuran	5.15	42	667240	250.614	ug/l	98
30) Chloroform	5.21	83	493393	51.356	ug/l	98
31) Cyclohexane	5.57	56	427710	52.370	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	428048	52.565	ug/l	99
36) 1,1-Dichloropropene	5.80	75	371381	53.453	ug/l	99
37) Ethyl Acetate	4.85	43	391651	52.580	ug/l	98
38) Carbon Tetrachloride	5.79	117	379477	54.286	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	479974	54.189	ug/l	99
40) Benzene	6.14	78	1107744	52.252	ug/l	100
41) Methacrylonitrile	5.06	41	216741	50.510	ug/l	99
42) 1,2-Dichloroethane	6.20	62	374130	51.070	ug/l	99
43) Isopropyl Acetate	6.46	43	623940	53.104	ug/l	98
44) Trichloroethene	7.21	130	331567	52.192	ug/l	96
45) 1,2-Dichloropropane	7.52	63	279807	52.499	ug/l	98
46) Dibromomethane	7.66	93	196576	52.480	ug/l	98
47) Bromodichloromethane	7.90	83	358718	56.262	ug/l	96
48) Methyl methacrylate	7.77	41	320870	53.179	ug/l	99
49) 1,4-Dioxane	7.75	88	145392	1055.634	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2064157	273.368	ug/l	99
52) Toluene	8.79	92	730572	53.616	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	398764	56.403	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	437739	56.065	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	301891	55.353	ug/l	99
56) Ethyl methacrylate	9.18	69	443547	55.708	ug/l	96
57) 1,3-Dichloropropane	9.37	76	482973	54.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1259173	307.584	ug/l	98
59) 2-Hexanone	9.49	43	1601253	278.277	ug/l	99
60) Dibromochloromethane	9.59	129	314933	59.467	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328316	54.681	ug/l	99
64) Tetrachloroethene	9.34	164	343902	54.029	ug/l	97
65) Chlorobenzene	10.14	112	856695	53.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	305528	56.641	ug/l	99
67) Ethyl Benzene	10.25	91	1434582	54.193	ug/l	100
68) m/p-Xylenes	10.36	106	1140243	109.329	ug/l	99
69) o-Xylene	10.70	106	549968	54.070	ug/l	97
70) Styrene	10.71	104	891391	55.334	ug/l	99
71) Bromoform	10.86	173	232116	48.277	ug/l	100
73) Isopropylbenzene	11.02	105	1478173	54.170	ug/l	99
74) N-amyl acetate	10.90	43	572243	52.085	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	430095	49.648	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	350043m	44.637	ug/l	
77) Bromobenzene	11.26	156	390773	51.973	ug/l	99
78) n-propylbenzene	11.36	91	1677817	56.009	ug/l	99
79) 2-Chlorotoluene	11.42	91	958278	53.142	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1232332	54.047	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124732	48.152	ug/l	97
82) 4-Chlorotoluene	11.51	91	1127216	53.989	ug/l	100
83) tert-Butylbenzene	11.77	119	1232677	54.186	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1243473	54.233	ug/l	100
85) sec-Butylbenzene	11.94	105	1500334	55.223	ug/l	100
86) p-Isopropyltoluene	12.06	119	1349589	55.535	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	711971	52.389	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	708191	54.985	ug/l	99
89) n-Butylbenzene	12.39	91	1174402	56.690	ug/l	99
90) Hexachloroethane	12.60	117	206891	53.134	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	696258	51.915	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92518	53.999	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	497940	54.117	ug/l	99
94) Hexachlorobutadiene	13.78	225	225097	55.128	ug/l	99
95) Naphthalene	13.83	128	1479511	53.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	481789	52.710	ug/l	99

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

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