

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011838.D
 Acq On : 24 Aug 2019 22:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	315573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	460460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242413	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	138106	43.56	ug/l	0.00
Spiked Amount			Recovery	=	87.12%	
35) Dibromofluoromethane	5.49	113	132089	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	
50) Toluene-d8	8.71	98	458755	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	
62) 4-Bromofluorobenzene	11.13	95	176462	42.99	ug/l	0.00
Spiked Amount			Recovery	=	85.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	132212	44.891	ug/l	98
3) Chloromethane	1.32	50	145144	56.195	ug/l	99
4) Vinyl Chloride	1.40	62	142621	55.237	ug/l	99
5) Bromomethane	1.63	94	70060	49.255	ug/l	98
6) Chloroethane	1.71	64	81728	54.138	ug/l	99
7) Trichlorofluoromethane	1.92	101	173001	42.085	ug/l	99
8) Diethyl Ether	2.18	74	78876	56.429	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91514	35.976	ug/l	94
10) Methyl Iodide	2.50	142	157706	50.758	ug/l	94
11) Tert butyl alcohol	3.04	59	159464	254.560	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118729	47.868	ug/l	92
13) Acrolein	2.29	56	1872	7.731	ug/l	93
14) Allyl chloride	2.72	41	176185	45.447	ug/l	97
15) Acrylonitrile	3.13	53	399538	278.848	ug/l	99
16) Acetone	2.43	43	314674	228.187	ug/l	94
17) Carbon Disulfide	2.56	76	279483	44.566	ug/l	100
18) Methyl Acetate	2.76	43	238242	63.668	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	430207	54.071	ug/l	99
20) Methylene Chloride	2.85	84	146868	52.093	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	133781	50.005	ug/l	96
22) Diisopropyl ether	3.85	45	422865	56.250	ug/l	95
23) Vinyl Acetate	3.81	43	1505547	241.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	230419	51.913	ug/l	99
25) 2-Butanone	4.66	43	516433	260.904	ug/l	96
26) 2,2-Dichloropropane	4.57	77	60868	16.148	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	158924	51.800	ug/l	86
28) Bromochloromethane	5.01	49	103773	51.505	ug/l	85
29) Tetrahydrofuran	5.12	42	340421	268.293	ug/l	96
30) Chloroform	5.20	83	235704	48.947	ug/l	98
31) Cyclohexane	5.57	56	142548	36.569	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	195245	46.643	ug/l	98
36) 1,1-Dichloropropene	5.79	75	152936	42.355	ug/l	96
37) Ethyl Acetate	4.82	43	185730	48.606	ug/l	98
38) Carbon Tetrachloride	5.77	117	163523	39.960	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136064	30.409	ug/l	98
40) Benzene	6.13	78	534212	47.826	ug/l	99
41) Methacrylonitrile	5.03	41	108451	48.801	ug/l	95
42) 1,2-Dichloroethane	6.18	62	177200	43.397	ug/l	93
43) Isopropyl Acetate	6.43	43	298688	48.295	ug/l	97
44) Trichloroethene	7.21	130	160964	46.748	ug/l	96
45) 1,2-Dichloropropane	7.51	63	137758	49.066	ug/l	100
46) Dibromomethane	7.66	93	100035	48.328	ug/l	92
47) Bromodichloromethane	7.90	83	180727	48.502	ug/l	97
48) Methyl methacrylate	7.76	41	150220	48.806	ug/l	94
49) 1,4-Dioxane	7.74	88	84373	989.379	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	1002022	245.883	ug/l	97
52) Toluene	8.78	92	339010	46.900	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	177226	45.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190798	44.712	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	157616	52.338	ug/l	98
56) Ethyl methacrylate	9.18	69	234148	54.671	ug/l	95
57) 1,3-Dichloropropane	9.37	76	238441	49.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	596086	264.582	ug/l	97
59) 2-Hexanone	9.49	43	766009	244.901	ug/l	96
60) Dibromochloromethane	9.58	129	173606	53.318	ug/l	100
61) 1,2-Dibromoethane	9.67	107	169571	52.477	ug/l	100
64) Tetrachloroethene	9.33	164	160703	47.720	ug/l	97
65) Chlorobenzene	10.13	112	393550	47.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154273	49.962	ug/l	99
67) Ethyl Benzene	10.25	91	604776	43.912	ug/l	97
68) m/p-Xylenes	10.35	106	510308	96.096	ug/l	93
69) o-Xylene	10.69	106	249276	47.811	ug/l	93
70) Styrene	10.71	104	436473	50.043	ug/l	96
71) Bromoform	10.85	173	145322	54.556	ug/l #	98
73) Isopropylbenzene	11.02	105	622732	42.628	ug/l	99
74) N-amyl acetate	10.90	43	240393	42.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	230311	47.630	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	190942m	44.890	ug/l	
77) Bromobenzene	11.26	156	209305	48.600	ug/l	92
78) n-propylbenzene	11.36	91	634288	40.605	ug/l	98
79) 2-Chlorotoluene	11.42	91	404033	41.575	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	511682	41.980	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	48366	34.291	ug/l	98
82) 4-Chlorotoluene	11.51	91	468735	41.844	ug/l	96
83) tert-Butylbenzene	11.77	119	506518	42.119	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	534312	43.409	ug/l	99
85) sec-Butylbenzene	11.94	105	557636	40.537	ug/l	98
86) p-Isopropyltoluene	12.06	119	543274	41.047	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	349980	47.190	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	351415	46.834	ug/l	98
89) n-Butylbenzene	12.38	91	409566	37.381	ug/l	99
90) Hexachloroethane	12.59	117	86174	41.909	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	361738	48.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51780	46.068	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	274418	49.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	106934	35.467	ug/l	97
95) Naphthalene	13.83	128	846514	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293280	53.084	ug/l	98

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

