

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020419\
 Data File : VX007363.D
 Acq On : 04 Feb 2019 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:52:50 AM

Quant Time: Feb 05 01:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	723114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	661596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	252799	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.51	113	227775	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	861514	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	302225	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	293899	48.495	ug/l	99
3) Chloromethane	1.33	50	266641	47.995	ug/l	100
4) Vinyl Chloride	1.41	62	278316	51.065	ug/l	100
5) Bromomethane	1.64	94	268383	49.800	ug/l	99
6) Chloroethane	1.72	64	168238	47.718	ug/l	99
7) Trichlorofluoromethane	1.93	101	417149	48.927	ug/l	99
8) Diethyl Ether	2.19	74	151680	47.266	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	239351	47.195	ug/l	99
10) Methyl Iodide	2.51	142	374146	50.150	ug/l	99
11) Tert butyl alcohol	3.07	59	282603	260.836	ug/l	98
12) 1,1-Dichloroethene	2.37	96	219829	46.679	ug/l	98
13) Acrolein	2.30	56	145374	286.136	ug/l	99
14) Allyl chloride	2.73	41	382936	49.904	ug/l	99
15) Acrylonitrile	3.15	53	671391	250.498	ug/l	100
16) Acetone	2.45	43	627044	261.470	ug/l	100
17) Carbon Disulfide	2.57	76	575230	46.850	ug/l	100
18) Methyl Acetate	2.78	43	358351	57.263	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	743015	48.699	ug/l	99
20) Methylene Chloride	2.86	84	247103	50.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	234386	46.721	ug/l	99
22) Diisopropyl ether	3.87	45	686600	48.644	ug/l	98
23) Vinyl Acetate	3.82	43	2956770	252.441	ug/l	100
24) 1,1-Dichloroethane	3.70	63	382345	47.170	ug/l	99
25) 2-Butanone	4.70	43	881852	258.391	ug/l	97
26) 2,2-Dichloropropane	4.59	77	301931	48.912	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	251990	45.988	ug/l	98
28) Bromochloromethane	5.02	49	176770	47.422	ug/l	97
29) Tetrahydrofuran	5.15	42	563937	262.729	ug/l	99
30) Chloroform	5.21	83	405909	47.990	ug/l	100
31) Cyclohexane	5.57	56	341407	46.896	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	352779	49.412	ug/l	99
36) 1,1-Dichloropropene	5.80	75	297813	45.902	ug/l	99
37) Ethyl Acetate	4.85	43	327195	49.888	ug/l	100
38) Carbon Tetrachloride	5.79	117	310561	49.339	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	365752	46.593	ug/l	96
40) Benzene	6.14	78	906813	47.448	ug/l	98
41) Methacrylonitrile	5.06	41	179354	51.024	ug/l	99
42) 1,2-Dichloroethane	6.20	62	308366	46.633	ug/l	99
43) Isopropyl Acetate	6.46	43	517872	51.156	ug/l	100
44) Trichloroethene	7.21	130	263576	45.791	ug/l	96
45) 1,2-Dichloropropane	7.51	63	228734	47.767	ug/l	100
46) Dibromomethane	7.66	93	163647	47.020	ug/l	99
47) Bromodichloromethane	7.90	83	298295	50.572	ug/l	99
48) Methyl methacrylate	7.77	41	267300	52.788	ug/l	100
49) 1,4-Dioxane	7.75	88	121754	1056.895	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1708267	256.333	ug/l	100
52) Toluene	8.79	92	589200	47.783	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	334630	52.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	357488	51.309	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246665	47.989	ug/l	98
56) Ethyl methacrylate	9.18	69	354524	49.800	ug/l	100
57) 1,3-Dichloropropane	9.37	76	389315	47.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	949258	252.982	ug/l	99
59) 2-Hexanone	9.49	43	1303458	251.347	ug/l	100
60) Dibromochloromethane	9.59	129	259671	53.417	ug/l	99
61) 1,2-Dibromoethane	9.67	107	264008	48.501	ug/l	98
64) Tetrachloroethene	9.34	164	271230	43.496	ug/l	97
65) Chlorobenzene	10.14	112	673411	46.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	245653	50.751	ug/l	99
67) Ethyl Benzene	10.25	91	1119241	48.140	ug/l	98
68) m/p-Xylenes	10.36	106	889327	96.227	ug/l	99
69) o-Xylene	10.70	106	431054	48.471	ug/l	100
70) Styrene	10.71	104	697047	48.330	ug/l	100
71) Bromoform	10.86	173	197690	46.843	ug/l	99
73) Isopropylbenzene	11.02	105	1148382	49.400	ug/l	99
74) N-amyl acetate	10.90	43	463599	51.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	352207	49.715	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	344342m	51.750	ug/l	
77) Bromobenzene	11.26	156	310130	47.350	ug/l	98
78) n-propylbenzene	11.36	91	1286092	50.453	ug/l	100
79) 2-Chlorotoluene	11.42	91	745405	48.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	941276	49.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108050	50.176	ug/l	94
82) 4-Chlorotoluene	11.51	91	878317	49.075	ug/l	99
83) tert-Butylbenzene	11.77	119	953750	50.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	967075	50.087	ug/l	99
85) sec-Butylbenzene	11.94	105	1139795	50.014	ug/l	100
86) p-Isopropyltoluene	12.07	119	1033321	50.230	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542881	46.184	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	548836	46.021	ug/l	99
89) n-Butylbenzene	12.39	91	879486	49.697	ug/l	99
90) Hexachloroethane	12.60	117	165753	53.836	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	544788	46.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77893	52.877	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	377524	47.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	181859	47.473	ug/l	99
95) Naphthalene	13.83	128	1155724	50.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	372343	46.888	ug/l	98

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

