

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041119\
 Data File : VX008846.D
 Acq On : 11 Apr 2019 12:40
 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
 4/12/2019 9:45:40 AM

Quant Time: Apr 12 07:43:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112373	40.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.76%	
35) Dibromofluoromethane	5.49	113	83880	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	
50) Toluene-d8	8.71	98	339990	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.13	95	128210	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136564	62.949	ug/l	98
3) Chloromethane	1.32	50	160006	60.537	ug/l	100
4) Vinyl Chloride	1.40	62	145946	49.765	ug/l	99
5) Bromomethane	1.64	94	80028	55.191	ug/l	99
6) Chloroethane	1.71	64	83006	51.944	ug/l	98
7) Trichlorofluoromethane	1.92	101	163809	50.529	ug/l	99
8) Diethyl Ether	2.18	74	72228	46.982	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107868	51.681	ug/l	98
10) Methyl Iodide	2.51	142	117100	60.673	ug/l	99
11) Tert butyl alcohol	3.06	59	147232	228.777	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105528	48.432	ug/l	98
13) Acrolein	2.29	56	98215	307.776	ug/l	98
14) Allyl chloride	2.72	41	246363	49.391	ug/l	99
15) Acrylonitrile	3.14	53	393143	230.595	ug/l	99
16) Acetone	2.45	43	330159	208.524	ug/l	99
17) Carbon Disulfide	2.56	76	325559	51.768	ug/l	100
18) Methyl Acetate	2.77	43	170345	44.361	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	388087	49.874	ug/l	98
20) Methylene Chloride	2.85	84	123604	46.638	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	113228	48.043	ug/l	95
22) Diisopropyl ether	3.85	45	468802	48.763	ug/l	99
23) Vinyl Acetate	3.81	43	2114357	252.809	ug/l	99
24) 1,1-Dichloroethane	3.69	63	231370	48.608	ug/l	99
25) 2-Butanone	4.67	43	578755	231.274	ug/l	99
26) 2,2-Dichloropropane	4.57	77	174154	51.947	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	128302	47.350	ug/l	99
28) Bromochloromethane	5.01	49	106506	53.795	ug/l	99
29) Tetrahydrofuran	5.12	42	380435	229.047	ug/l	99
30) Chloroform	5.21	83	207441	48.793	ug/l	99
31) Cyclohexane	5.57	56	238384	50.191	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	173603	50.531	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168458	51.571	ug/l	99
37) Ethyl Acetate	4.83	43	221253	50.745	ug/l	99
38) Carbon Tetrachloride	5.78	117	146236	54.090	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220210	54.572	ug/l	99
40) Benzene	6.14	78	501464	51.531	ug/l	99
41) Methacrylonitrile	5.04	41	125206	49.958	ug/l	99
42) 1,2-Dichloroethane	6.19	62	175469	50.297	ug/l	100
43) Isopropyl Acetate	6.44	43	359069	52.571	ug/l	99
44) Trichloroethene	7.21	130	119531	52.738	ug/l	98
45) 1,2-Dichloropropane	7.51	63	141609	50.983	ug/l	100
46) Dibromomethane	7.66	93	79570	49.394	ug/l	97
47) Bromodichloromethane	7.90	83	160666	52.896	ug/l	98
48) Methyl methacrylate	7.77	41	183222	53.031	ug/l	99
49) 1,4-Dioxane	7.74	88	59964	926.482	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1145843	260.608	ug/l	100
52) Toluene	8.78	92	305842	53.309	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193371	56.833	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	213328	54.872	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	118839	51.604	ug/l	99
56) Ethyl methacrylate	9.18	69	227080	54.498	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214334	51.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	461140	216.741	ug/l	99
59) 2-Hexanone	9.49	43	872080	255.221	ug/l	99
60) Dibromochloromethane	9.58	129	119918	55.259	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123457	51.496	ug/l	99
64) Tetrachloroethene	9.34	164	108746	53.088	ug/l	98
65) Chlorobenzene	10.13	112	314188	51.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	111963	52.075	ug/l	99
67) Ethyl Benzene	10.25	91	596194	52.170	ug/l	99
68) m/p-Xylenes	10.36	106	435503	105.988	ug/l	99
69) o-Xylene	10.69	106	212087	53.261	ug/l	98
70) Styrene	10.71	104	371542	54.128	ug/l	100
71) Bromoform	10.85	173	89131	54.279	ug/l #	99
73) Isopropylbenzene	11.02	105	568116	51.366	ug/l	100
74) N-amyl acetate	10.90	43	320212	49.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189046	44.943	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	168402m	45.933	ug/l	
77) Bromobenzene	11.26	156	136698	51.412	ug/l	97
78) n-propylbenzene	11.36	91	675290	52.437	ug/l	100
79) 2-Chlorotoluene	11.42	91	390500	50.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	481506	51.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68560	51.548	ug/l	97
82) 4-Chlorotoluene	11.51	91	457278	50.691	ug/l	99
83) tert-Butylbenzene	11.77	119	456568	51.116	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	484628	51.552	ug/l	100
85) sec-Butylbenzene	11.94	105	560837	52.861	ug/l	100
86) p-Isopropyltoluene	12.06	119	513472	53.922	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	245440	51.563	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242119	50.232	ug/l	100
89) n-Butylbenzene	12.38	91	488444	54.694	ug/l	100
90) Hexachloroethane	12.60	117	83169	52.658	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	238109	50.382	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42769	46.221	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	173497	52.799	ug/l	98
94) Hexachlorobutadiene	13.78	225	88956	56.447	ug/l	99
95) Naphthalene	13.83	128	546957	49.803	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173740	52.919	ug/l	98

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

