

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072519\
 Data File : VX011077.D
 Acq On : 25 Jul 2019 16:33
 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
 7/26/2019 9:49:36 AM

Quant Time: Jul 26 02:24:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	155931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105197	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.49	113	96232	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	354899	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	139497	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107085	48.687	ug/l	99
3) Chloromethane	1.32	50	90662	47.782	ug/l	99
4) Vinyl Chloride	1.41	62	96113	49.662	ug/l	98
5) Bromomethane	1.64	94	51645	47.354	ug/l	96
6) Chloroethane	1.71	64	61141	49.713	ug/l	97
7) Trichlorofluoromethane	1.92	101	169371	51.700	ug/l	97
8) Diethyl Ether	2.19	74	57178	50.656	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	95032	50.805	ug/l	97
10) Methyl Iodide	2.51	142	122513	49.910	ug/l	100
11) Tert butyl alcohol	3.04	59	119312	233.395	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85163	46.339	ug/l	94
13) Acrolein	2.29	56	59707	202.154	ug/l	98
14) Allyl chloride	2.73	41	136088	50.979	ug/l	99
15) Acrylonitrile	3.14	53	254276	246.158	ug/l	100
16) Acetone	2.44	43	235082	237.126	ug/l	99
17) Carbon Disulfide	2.57	76	210793	44.714	ug/l	100
18) Methyl Acetate	2.77	43	116329	51.532	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304451	51.459	ug/l	99
20) Methylene Chloride	2.85	84	103767	49.391	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	95634	49.043	ug/l	99
22) Diisopropyl ether	3.85	45	287271	51.023	ug/l	98
23) Vinyl Acetate	3.81	43	1243881	260.749	ug/l	99
24) 1,1-Dichloroethane	3.69	63	164438	50.291	ug/l	99
25) 2-Butanone	4.67	43	356866	250.764	ug/l	98
26) 2,2-Dichloropropane	4.58	77	140460	52.318	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111737	49.511	ug/l	100
28) Bromochloromethane	5.01	49	72329	46.942	ug/l	99
29) Tetrahydrofuran	5.12	42	221744	245.984	ug/l	99
30) Chloroform	5.20	83	180269	51.007	ug/l	98
31) Cyclohexane	5.57	56	147592	49.522	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	157821	51.615	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129461	51.843	ug/l	99
37) Ethyl Acetate	4.83	43	128807	50.374	ug/l	98
38) Carbon Tetrachloride	5.77	117	140112	53.845	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167413	51.697	ug/l	99
40) Benzene	6.13	78	391332	51.159	ug/l	98
41) Methacrylonitrile	5.03	41	73217	50.440	ug/l	96
42) 1,2-Dichloroethane	6.18	62	137386	51.656	ug/l	99
43) Isopropyl Acetate	6.43	43	215272	51.200	ug/l	99
44) Trichloroethene	7.21	130	115353	50.946	ug/l	92
45) 1,2-Dichloropropane	7.51	63	100238	51.486	ug/l	99
46) Dibromomethane	7.66	93	73225	52.635	ug/l	99
47) Bromodichloromethane	7.89	83	135854	54.859	ug/l	98
48) Methyl methacrylate	7.76	41	105572	51.543	ug/l	99
49) 1,4-Dioxane	7.73	88	57504	1003.670	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	717802	263.363	ug/l	99
52) Toluene	8.78	92	258802	51.502	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	150625	56.567	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	160522	54.176	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109047	52.704	ug/l	96
56) Ethyl methacrylate	9.17	69	164913	54.489	ug/l	99
57) 1,3-Dichloropropane	9.37	76	171817	52.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	375269	259.748	ug/l	100
59) 2-Hexanone	9.49	43	563561	266.590	ug/l	99
60) Dibromochloromethane	9.58	129	120160	50.438	ug/l	100
61) 1,2-Dibromoethane	9.67	107	116084	52.866	ug/l	99
64) Tetrachloroethene	9.34	164	113101	51.100	ug/l	98
65) Chlorobenzene	10.13	112	296046	51.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111444	54.873	ug/l	99
67) Ethyl Benzene	10.25	91	516910	52.553	ug/l	100
68) m/p-Xylenes	10.35	106	398118	105.518	ug/l	100
69) o-Xylene	10.69	106	191227	51.932	ug/l	99
70) Styrene	10.71	104	336879	54.881	ug/l	100
71) Bromoform	10.85	173	92136	49.834	ug/l	98
73) Isopropylbenzene	11.01	105	534307	50.711	ug/l	100
74) N-amyl acetate	10.90	43	206225	51.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	171403	49.710	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145350m	51.655	ug/l	
77) Bromobenzene	11.25	156	144649	49.771	ug/l	100
78) n-propylbenzene	11.36	91	603191	51.813	ug/l	100
79) 2-Chlorotoluene	11.42	91	357262	51.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	455280	51.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51571	46.718	ug/l	96
82) 4-Chlorotoluene	11.51	91	421777	51.818	ug/l	99
83) tert-Butylbenzene	11.77	119	453263	52.414	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463252	52.205	ug/l	100
85) sec-Butylbenzene	11.94	105	544367	53.722	ug/l	100
86) p-Isopropyltoluene	12.06	119	507647	54.190	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	263525	52.250	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263692	50.978	ug/l	99
89) n-Butylbenzene	12.38	91	446491	55.710	ug/l	100
90) Hexachloroethane	12.59	117	81874	55.411	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	258063	51.628	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37012	51.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184759	54.540	ug/l	98
94) Hexachlorobutadiene	13.78	225	90634	53.990	ug/l	98
95) Naphthalene	13.83	128	521308	52.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181332	53.798	ug/l	99

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

