

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011132.D
 Acq On : 27 Jul 2019 08:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 10:21:41 AM

Quant Time: Jul 29 03:53:53 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	5.66	168	178051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	139501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100117	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	5.49	113	90322	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	329961	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	128693	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88548	46.676	ug/l	98
3) Chloromethane	1.32	50	80851	49.379	ug/l	100
4) Vinyl Chloride	1.41	62	85400	51.135	ug/l	98
5) Bromomethane	1.64	94	42825	45.504	ug/l	99
6) Chloroethane	1.71	64	54463	51.316	ug/l	97
7) Trichlorofluoromethane	1.92	101	150861	53.363	ug/l	98
8) Diethyl Ether	2.19	74	52303	53.697	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80071	49.605	ug/l	99
10) Methyl Iodide	2.51	142	104328	49.252	ug/l	100
11) Tert butyl alcohol	3.06	59	116908	265.014	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81957	51.677	ug/l	96
13) Acrolein	2.29	56	56561	221.917	ug/l	98
14) Allyl chloride	2.73	41	114942	49.896	ug/l	99
15) Acrylonitrile	3.14	53	243838	273.543	ug/l	99
16) Acetone	2.45	43	206317	241.163	ug/l	96
17) Carbon Disulfide	2.57	76	175040	43.027	ug/l	99
18) Methyl Acetate	2.78	43	120525	61.871	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	277977	54.447	ug/l	98
20) Methylene Chloride	2.85	84	93525	51.586	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	85041	50.536	ug/l	91
22) Diisopropyl ether	3.85	45	263069	54.146	ug/l	98
23) Vinyl Acetate	3.81	43	1092399	265.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150427	53.312	ug/l	99
25) 2-Butanone	4.67	43	332698	270.911	ug/l	99
26) 2,2-Dichloropropane	4.58	77	68468	29.553	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	101088	51.906	ug/l	95
28) Bromochloromethane	5.01	49	68631	51.616	ug/l	100
29) Tetrahydrofuran	5.13	42	214933	276.296	ug/l	99
30) Chloroform	5.21	83	163585	53.637	ug/l	100
31) Cyclohexane	5.58	56	126212	49.074	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	142296	53.929	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115015	50.194	ug/l	98
37) Ethyl Acetate	4.84	43	124780	53.180	ug/l	99
38) Carbon Tetrachloride	5.79	117	123165	51.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134446	45.245	ug/l	97
40) Benzene	6.14	78	352778	50.259	ug/l	100
41) Methacrylonitrile	5.04	41	69226	51.972	ug/l	97
42) 1,2-Dichloroethane	6.19	62	126200	51.710	ug/l	99
43) Isopropyl Acetate	6.45	43	200497	51.968	ug/l	99
44) Trichloroethene	7.21	130	101372	48.791	ug/l	95
45) 1,2-Dichloropropane	7.51	63	91637	51.294	ug/l	99
46) Dibromomethane	7.66	93	66594	52.166	ug/l	99
47) Bromodichloromethane	7.90	83	120697	53.114	ug/l	98
48) Methyl methacrylate	7.77	41	98701	52.515	ug/l	98
49) 1,4-Dioxane	7.74	88	54575	1038.070	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	692318	276.819	ug/l	99
52) Toluene	8.78	92	233121	50.557	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	120164	49.179	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130414	47.966	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98983	52.135	ug/l	98
56) Ethyl methacrylate	9.18	69	152141	54.783	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156695	52.026	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	355459	268.126	ug/l	100
59) 2-Hexanone	9.49	43	536795	276.727	ug/l	100
60) Dibromochloromethane	9.58	129	106620	48.856	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107032	53.120	ug/l	99
64) Tetrachloroethene	9.34	164	96439	47.201	ug/l	96
65) Chlorobenzene	10.13	112	265363	49.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97779	52.154	ug/l	99
67) Ethyl Benzene	10.25	91	460606	50.728	ug/l	100
68) m/p-Xylenes	10.35	106	354257	101.712	ug/l	100
69) o-Xylene	10.69	106	174998	51.482	ug/l	99
70) Styrene	10.71	104	303701	53.596	ug/l	100
71) Bromoform	10.85	173	80755	47.444	ug/l #	100
73) Isopropylbenzene	11.02	105	474340	50.322	ug/l	99
74) N-amyl acetate	10.90	43	191079	53.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161352	52.307	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133893m	53.188	ug/l	
77) Bromobenzene	11.25	156	129447	49.787	ug/l	99
78) n-propylbenzene	11.36	91	525788	50.484	ug/l	99
79) 2-Chlorotoluene	11.42	91	314434	50.257	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	400538	50.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38502	39.645	ug/l	95
82) 4-Chlorotoluene	11.51	91	365714	50.222	ug/l	100
83) tert-Butylbenzene	11.77	119	399108	51.587	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	403826	50.868	ug/l	99
85) sec-Butylbenzene	11.94	105	465799	51.383	ug/l	99
86) p-Isopropyltoluene	12.06	119	426967	50.946	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230608	51.108	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	228810	49.444	ug/l	99
89) n-Butylbenzene	12.38	91	361671	50.442	ug/l	100
90) Hexachloroethane	12.59	117	69528	52.598	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	229868	51.403	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35527	55.097	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156912	51.775	ug/l	99
94) Hexachlorobutadiene	13.78	225	73207	48.745	ug/l	99
95) Naphthalene	13.83	128	511379	57.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160138	53.106	ug/l	98

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

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