

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012829.D
 Acq On : 07 Oct 2019 11:18
 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
 10/8/2019 1:12:47 PM

Quant Time: Oct 08 11:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	280678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	106264	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.48	113	83664	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	318709	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	126934	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	82251	43.498	ug/l 96
3) Chloromethane	1.32	50	90991	41.906	ug/l 99
4) Vinyl Chloride	1.40	62	97344	45.104	ug/l 98
5) Bromomethane	1.62	94	37677	44.402	ug/l 98
6) Chloroethane	1.70	64	61320	42.146	ug/l 97
7) Trichlorofluoromethane	1.91	101	147442	48.658	ug/l 100
8) Diethyl Ether	2.18	74	58953	47.475	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98567	53.407	ug/l 96
10) Methyl Iodide	2.50	142	91724	47.455	ug/l 92
11) Tert butyl alcohol	3.04	59	141099	230.766	ug/l 99
12) 1,1-Dichloroethene	2.36	96	92830	51.367	ug/l 99
13) Acrolein	2.28	56	88227	258.659	ug/l 99
14) Allyl chloride	2.71	41	173575	48.410	ug/l 96
15) Acrylonitrile	3.13	53	300303	242.086	ug/l 98
16) Acetone	2.44	43	325511	251.075	ug/l 93
17) Carbon Disulfide	2.56	76	236647	46.709	ug/l 100
18) Methyl Acetate	2.76	43	147746	48.398	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	351828	51.433	ug/l 100
20) Methylene Chloride	2.84	84	108515	49.487	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	101294	50.593	ug/l 97
22) Diisopropyl ether	3.84	45	341888	49.347	ug/l 92
23) Vinyl Acetate	3.80	43	1491667	245.514	ug/l 96
24) 1,1-Dichloroethane	3.68	63	191569	50.868	ug/l 97
25) 2-Butanone	4.65	43	441046	237.256	ug/l 95
26) 2,2-Dichloropropane	4.57	77	171457	51.190	ug/l 97
27) cis-1,2-Dichloroethene	4.58	96	119627	51.494	ug/l 92
28) Bromochloromethane	5.00	49	63891	46.723	ug/l 93
29) Tetrahydrofuran	5.11	42	258545	228.188	ug/l 94
30) Chloroform	5.20	83	193884	50.321	ug/l 97
31) Cyclohexane	5.56	56	168064	49.329	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	172001	50.370	ug/l 98
36) 1,1-Dichloropropene	5.79	75	142664	52.732	ug/l 97
37) Ethyl Acetate	4.81	43	157745	49.873	ug/l 96
38) Carbon Tetrachloride	5.77	117	146669	53.368	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	178550	54.821	ug/l	96
40) Benzene	6.13	78	426040	53.521	ug/l	96
41) Methacrylonitrile	5.03	41	88352	49.786	ug/l	94
42) 1,2-Dichloroethane	6.18	62	156738	51.852	ug/l	97
43) Isopropyl Acetate	6.43	43	268570	50.775	ug/l	98
44) Trichloroethene	7.20	130	115341	56.679	ug/l	99
45) 1,2-Dichloropropane	7.50	63	111076	54.503	ug/l	99
46) Dibromomethane	7.65	93	74656	53.803	ug/l	98
47) Bromodichloromethane	7.89	83	151384	54.588	ug/l	99
48) Methyl methacrylate	7.76	41	129211	50.946	ug/l	92
49) 1,4-Dioxane	7.73	88	57650	1002.145	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	813650	249.199	ug/l	95
52) Toluene	8.78	92	273247	54.616	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	172545	56.234	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	186117	55.555	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	111282	55.947	ug/l	99
56) Ethyl methacrylate	9.17	69	182009	54.467	ug/l	90
57) 1,3-Dichloropropane	9.37	76	189723	54.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	403620	269.086	ug/l	100
59) 2-Hexanone	9.48	43	644236	257.776	ug/l	93
60) Dibromochloromethane	9.57	129	119392	59.296	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116143	56.106	ug/l	99
64) Tetrachloroethene	9.33	164	102856	58.774	ug/l	95
65) Chlorobenzene	10.14	112	289215	54.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	109497	57.176	ug/l	99
67) Ethyl Benzene	10.25	91	529490	55.232	ug/l	100
68) m/p-Xylenes	10.35	106	401442	111.786	ug/l	99
69) o-Xylene	10.70	106	195898	56.375	ug/l	98
70) Styrene	10.71	104	337974	58.018	ug/l	98
71) Bromoform	10.85	173	82368	61.769	ug/l #	99
73) Isopropylbenzene	11.01	105	521022	52.695	ug/l	99
74) N-amyl acetate	10.89	43	240121	50.905	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	169039	51.621	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164129m	51.110	ug/l	
77) Bromobenzene	11.25	156	121436	54.266	ug/l	99
78) n-propylbenzene	11.35	91	576514	51.791	ug/l	100
79) 2-Chlorotoluene	11.42	91	354474	51.047	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	438400	52.874	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59740	53.313	ug/l	92
82) 4-Chlorotoluene	11.51	91	418773	52.903	ug/l	99
83) tert-Butylbenzene	11.77	119	427540	53.454	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	445517	53.264	ug/l	99
85) sec-Butylbenzene	11.94	105	512656	55.108	ug/l	99
86) p-Isopropyltoluene	12.06	119	473933	56.460	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	228953	56.852	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	226644	55.694	ug/l	100
89) n-Butylbenzene	12.38	91	406966	55.019	ug/l	100
90) Hexachloroethane	12.59	117	82986	55.453	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	222052	55.075	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40981	50.030	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	148711	60.481	ug/l	98
94) Hexachlorobutadiene	13.78	225	65432	61.858	ug/l	99
95) Naphthalene	13.83	128	482686	54.259	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	145750	59.175	ug/l	99

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

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