

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011108.D
 Acq On : 26 Jul 2019 22:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:52:53 AM

Quant Time: Jul 27 04:10:31 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	202715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108855	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.96%		
35) Dibromofluoromethane	5.50	113	97800	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.50%		
50) Toluene-d8	8.71	98	357404	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.92%		
62) 4-Bromofluorobenzene	11.13	95	137244	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.30%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93598	43.374	ug/l	98
3) Chloromethane	1.32	50	83109	44.583	ug/l	100
4) Vinyl Chloride	1.41	62	88571	46.581	ug/l	99
5) Bromomethane	1.64	94	48886	45.624	ug/l	97
6) Chloroethane	1.71	64	58024	48.019	ug/l	98
7) Trichlorofluoromethane	1.92	101	155109	48.190	ug/l	100
8) Diethyl Ether	2.19	74	52887	47.690	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84446	45.950	ug/l	98
10) Methyl Iodide	2.51	142	108195	44.863	ug/l	100
11) Tert butyl alcohol	3.06	59	116673	232.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83395	46.186	ug/l	95
13) Acrolein	2.29	56	60445	208.301	ug/l	100
14) Allyl chloride	2.73	41	123486	47.082	ug/l	99
15) Acrylonitrile	3.14	53	251005	247.323	ug/l	99
16) Acetone	2.45	43	212075	217.733	ug/l	95
17) Carbon Disulfide	2.57	76	187362	40.452	ug/l	99
18) Methyl Acetate	2.78	43	120042	54.125	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286305	49.255	ug/l	97
20) Methylene Chloride	2.85	84	96564	46.782	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	88986	46.447	ug/l	95
22) Diisopropyl ether	3.85	45	274762	49.672	ug/l	99
23) Vinyl Acetate	3.81	43	1157600	246.989	ug/l	99
24) 1,1-Dichloroethane	3.70	63	155768	48.489	ug/l	99
25) 2-Butanone	4.67	43	342618	245.044	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104653	39.676	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	106022	47.816	ug/l	97
28) Bromochloromethane	5.01	49	72891	48.150	ug/l	100
29) Tetrahydrofuran	5.13	42	222038	250.701	ug/l	99
30) Chloroform	5.21	83	169858	48.918	ug/l	97
31) Cyclohexane	5.58	56	132473	45.241	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147732	49.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	116785	46.368	ug/l	99
37) Ethyl Acetate	4.84	43	129433	50.187	ug/l	100
38) Carbon Tetrachloride	5.78	117	129761	49.442	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140418	42.991	ug/l	98
40) Benzene	6.14	78	364425	47.235	ug/l	99
41) Methacrylonitrile	5.04	41	71250	48.666	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132594	49.429	ug/l	99
43) Isopropyl Acetate	6.45	43	211477	49.869	ug/l	99
44) Trichloroethene	7.21	130	104976	45.967	ug/l	95
45) 1,2-Dichloropropane	7.51	63	93556	47.644	ug/l	97
46) Dibromomethane	7.66	93	69232	49.340	ug/l	98
47) Bromodichloromethane	7.90	83	126460	50.630	ug/l	98
48) Methyl methacrylate	7.77	41	104531	50.599	ug/l	97
49) 1,4-Dioxane	7.74	88	55118	953.818	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	707963	257.537	ug/l	100
52) Toluene	8.78	92	240709	47.493	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	134490	50.076	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	145805	48.789	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102365	49.052	ug/l	99
56) Ethyl methacrylate	9.18	69	157113	51.469	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162688	49.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	379696	260.570	ug/l	100
59) 2-Hexanone	9.49	43	542328	254.357	ug/l	100
60) Dibromochloromethane	9.58	129	112390	46.958	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110892	50.071	ug/l	100
64) Tetrachloroethene	9.34	164	101649	44.728	ug/l	97
65) Chlorobenzene	10.13	112	278725	46.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	102446	49.127	ug/l	98
67) Ethyl Benzene	10.25	91	476861	47.217	ug/l	99
68) m/p-Xylenes	10.36	106	362876	93.669	ug/l	99
69) o-Xylene	10.69	106	179265	47.414	ug/l	99
70) Styrene	10.71	104	311524	49.427	ug/l	100
71) Bromoform	10.85	173	86994	46.031	ug/l	98
73) Isopropylbenzene	11.02	105	488428	47.516	ug/l	100
74) N-amyl acetate	10.90	43	192582	49.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163334	48.554	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138813m	50.565	ug/l	
77) Bromobenzene	11.25	156	132064	46.577	ug/l	98
78) n-propylbenzene	11.36	91	542306	47.748	ug/l	99
79) 2-Chlorotoluene	11.42	91	322158	47.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	414204	48.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45772	42.860	ug/l	98
82) 4-Chlorotoluene	11.51	91	378424	47.654	ug/l	100
83) tert-Butylbenzene	11.77	119	409192	48.500	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	416404	48.099	ug/l	99
85) sec-Butylbenzene	11.94	105	478239	48.376	ug/l	100
86) p-Isopropyltoluene	12.06	119	445965	48.796	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233860	47.527	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	231693	45.911	ug/l	98
89) n-Butylbenzene	12.38	91	376386	48.137	ug/l	100
90) Hexachloroethane	12.59	117	72417	50.236	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	233833	47.950	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35640	50.685	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	157398	47.625	ug/l	97
94) Hexachlorobutadiene	13.78	225	74759	45.647	ug/l	99
95) Naphthalene	13.83	128	509577	52.214	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163026	49.576	ug/l	99

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

