

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013350.D
 Acq On : 07 Nov 2019 16:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:17 AM

Quant Time: Nov 08 00:37:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	756543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1169824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1061528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	535572	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	403767	45.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.10%	
35) Dibromofluoromethane	5.48	113	327940	44.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.40%	
50) Toluene-d8	8.71	98	1224916	44.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.56%	
62) 4-Bromofluorobenzene	11.13	95	440805	44.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	368591	42.285	ug/l	97
3) Chloromethane	1.31	50	418838	44.308	ug/l	100
4) Vinyl Chloride	1.40	62	468255	43.511	ug/l	100
5) Bromomethane	1.62	94	299524	39.939	ug/l	100
6) Chloroethane	1.71	64	265647	43.015	ug/l	98
7) Trichlorofluoromethane	1.92	101	511324	40.216	ug/l	97
8) Diethyl Ether	2.17	74	254918	45.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	312274	44.066	ug/l	98
10) Methyl Iodide	2.50	142	397421	45.297	ug/l	98
11) Tert butyl alcohol	3.03	59	496685	210.252	ug/l	100
12) 1,1-Dichloroethene	2.36	96	314185	45.274	ug/l	99
13) Acrolein	2.28	56	302104	235.961	ug/l	99
14) Allyl chloride	2.72	41	606350	48.088	ug/l	96
15) Acrylonitrile	3.12	53	1073597	243.295	ug/l	99
16) Acetone	2.43	43	1064300	238.071	ug/l	99
17) Carbon Disulfide	2.56	76	822328	44.272	ug/l	99
18) Methyl Acetate	2.76	43	607518	49.223	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1173085	50.682	ug/l	100
20) Methylene Chloride	2.84	84	379446	45.939	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	344154	45.547	ug/l	96
22) Diisopropyl ether	3.84	45	1216999	49.993	ug/l	98
23) Vinyl Acetate	3.80	43	5175604	248.464	ug/l	100
24) 1,1-Dichloroethane	3.68	63	643818	47.278	ug/l	99
25) 2-Butanone	4.65	43	1573790	239.968	ug/l	99
26) 2,2-Dichloropropane	4.56	77	509673	47.047	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	413243	48.822	ug/l	98
28) Bromochloromethane	5.00	49	191150	49.437	ug/l	99
29) Tetrahydrofuran	5.11	42	971334	240.340	ug/l	99
30) Chloroform	5.19	83	640912	47.663	ug/l	99
31) Cyclohexane	5.56	56	537929	43.899	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	524420	45.317	ug/l	99
36) 1,1-Dichloropropene	5.78	75	458834	45.720	ug/l	100
37) Ethyl Acetate	4.81	43	588059	47.421	ug/l	100
38) Carbon Tetrachloride	5.77	117	439085	44.742	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	559110	44.712	ug/l	98
40) Benzene	6.13	78	1448384	46.332	ug/l	99
41) Methacrylonitrile	5.02	41	331336	47.670	ug/l	98
42) 1,2-Dichloroethane	6.18	62	526363	46.680	ug/l	100
43) Isopropyl Acetate	6.43	43	945242	48.951	ug/l	99
44) Trichloroethene	7.20	130	383959	44.621	ug/l	100
45) 1,2-Dichloropropane	7.50	63	386083	48.472	ug/l	97
46) Dibromomethane	7.65	93	254218	46.745	ug/l	97
47) Bromodichloromethane	7.89	83	508456	49.581	ug/l	97
48) Methyl methacrylate	7.76	41	476398	49.423	ug/l	98
49) 1,4-Dioxane	7.73	88	205155	929.366	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2999720	236.775	ug/l	99
52) Toluene	8.78	92	910741	47.006	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	575538	51.324	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	627614	50.033	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	391074	48.697	ug/l	97
56) Ethyl methacrylate	9.17	69	637622	46.616	ug/l	97
57) 1,3-Dichloropropane	9.36	76	649557	47.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1298955	236.558	ug/l	100
59) 2-Hexanone	9.48	43	2337833	238.789	ug/l	99
60) Dibromochloromethane	9.57	129	417910	50.882	ug/l	98
61) 1,2-Dibromoethane	9.67	107	410135	48.094	ug/l	99
64) Tetrachloroethene	9.33	164	339180	44.634	ug/l	96
65) Chlorobenzene	10.14	112	992584	46.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	376388	47.698	ug/l	99
67) Ethyl Benzene	10.25	91	1709126	46.079	ug/l	99
68) m/p-Xylenes	10.35	106	1313851	93.662	ug/l	99
69) o-Xylene	10.70	106	639416	46.559	ug/l	99
70) Styrene	10.71	104	1120400	48.804	ug/l	99
71) Bromoform	10.85	173	325634	44.859	ug/l #	98
73) Isopropylbenzene	11.01	105	1671035	47.059	ug/l	100
74) N-amyl acetate	10.89	43	842335	51.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	617102	47.637	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	508125m	46.711	ug/l	
77) Bromobenzene	11.25	156	452941	47.848	ug/l	99
78) n-propylbenzene	11.35	91	1914488	48.400	ug/l	99
79) 2-Chlorotoluene	11.42	91	1131917	47.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1423993	48.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	215846	51.073	ug/l	97
82) 4-Chlorotoluene	11.51	91	1319882	47.312	ug/l	99
83) tert-Butylbenzene	11.76	119	1434018	48.164	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1448088	48.806	ug/l	99
85) sec-Butylbenzene	11.94	105	1636984	47.839	ug/l	100
86) p-Isopropyltoluene	12.06	119	1524330	48.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	791575	46.911	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	796302	46.318	ug/l	100
89) n-Butylbenzene	12.38	91	1328454	48.317	ug/l	100
90) Hexachloroethane	12.59	117	272652	48.566	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	815111	48.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	139370	44.159	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.64	180	576458	48.996	ug/l	98
94) Hexachlorobutadiene	13.77	225	256909	44.632	ug/l	98
95) Naphthalene	13.83	128	1845753	50.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	576235	48.836	ug/l	98

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

