

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013295.D
 Acq On : 31 Oct 2019 17:29
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:09 PM

Quant Time: Nov 02 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	713478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1000740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	512345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	417722	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
35) Dibromofluoromethane	5.48	113	338364	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	1299485	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	462066	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	428725	62.783	ug/l	100
3) Chloromethane	1.31	50	460081	65.702	ug/l	100
4) Vinyl Chloride	1.40	62	537293	73.309	ug/l	100
5) Bromomethane	1.62	94	352783	78.868	ug/l	100
6) Chloroethane	1.70	64	294291	64.248	ug/l	100
7) Trichlorofluoromethane	1.92	101	590507	51.785	ug/l	100
8) Diethyl Ether	2.17	74	266120	63.948	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	329656	50.605	ug/l	100
10) Methyl Iodide	2.50	142	432921	51.381	ug/l	100
11) Tert butyl alcohol	3.04	59	519222	280.050	ug/l	100
12) 1,1-Dichloroethene	2.36	96	334191	52.194	ug/l	100
13) Acrolein	2.28	56	312293	290.946	ug/l	100
14) Allyl chloride	2.72	41	602235	61.998	ug/l	100
15) Acrylonitrile	3.13	53	1091912	293.423	ug/l	100
16) Acetone	2.43	43	1080458	301.126	ug/l	100
17) Carbon Disulfide	2.56	76	896530	54.188	ug/l	100
18) Methyl Acetate	2.76	43	605849	70.151	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1137664	54.277	ug/l	100
20) Methylene Chloride	2.84	84	376225	51.100	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	358949	52.547	ug/l	100
22) Diisopropyl ether	3.84	45	1199128	58.992	ug/l	100
23) Vinyl Acetate	3.80	43	5145310	300.521	ug/l	100
24) 1,1-Dichloroethane	3.69	63	648048	55.596	ug/l	100
25) 2-Butanone	4.66	43	1631783	314.492	ug/l	100
26) 2,2-Dichloropropane	4.57	77	518500	54.625	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	410960	51.837	ug/l	100
28) Bromochloromethane	5.00	49	186070	36.455	ug/l	100
29) Tetrahydrofuran	5.12	42	1026924	312.068	ug/l	100
30) Chloroform	5.20	83	645687	51.926	ug/l	100
31) Cyclohexane	5.57	56	573982	54.114	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	555777	52.031	ug/l	100
36) 1,1-Dichloropropene	5.79	75	486539	53.700	ug/l	100
37) Ethyl Acetate	4.82	43	599902	62.767	ug/l	100
38) Carbon Tetrachloride	5.78	117	478193	51.322	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	583001	50.296	ug/l	100
40) Benzene	6.13	78	1468761	53.068	ug/l	100
41) Methacrylonitrile	5.03	41	331985	60.657	ug/l	100
42) 1,2-Dichloroethane	6.18	62	545167	55.699	ug/l	100
43) Isopropyl Acetate	6.43	43	947863	60.482	ug/l	100
44) Trichloroethene	7.20	130	398348	49.275	ug/l	100
45) 1,2-Dichloropropane	7.51	63	377784	53.420	ug/l	100
46) Dibromomethane	7.65	93	257074	51.449	ug/l	100
47) Bromodichloromethane	7.89	83	501038	55.617	ug/l	100
48) Methyl methacrylate	7.76	41	485324	62.830	ug/l	100
49) 1,4-Dioxane	7.73	88	213429	1033.481	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	3121152	307.112	ug/l	100
52) Toluene	8.78	92	922059	51.118	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	561874	57.812	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	611828	56.807	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	383083	51.450	ug/l	100
56) Ethyl methacrylate	9.17	69	619022	56.335	ug/l	100
57) 1,3-Dichloropropane	9.37	76	648307	54.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1385610	266.762	ug/l	100
59) 2-Hexanone	9.49	43	2448729	311.322	ug/l	100
60) Dibromochloromethane	9.57	129	408784	54.422	ug/l	100
61) 1,2-Dibromoethane	9.67	107	410946	52.127	ug/l	100
64) Tetrachloroethene	9.33	164	353449	45.352	ug/l	100
65) Chlorobenzene	10.14	112	1002912	48.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	378719	52.214	ug/l	100
67) Ethyl Benzene	10.25	91	1786863	50.840	ug/l	100
68) m/p-Xylenes	10.35	106	1370719	101.680	ug/l	100
69) o-Xylene	10.70	106	657641	50.154	ug/l	100
70) Styrene	10.71	104	1138891	52.030	ug/l	100
71) Bromoform	10.85	173	318144	54.734	ug/l	100
73) Isopropylbenzene	11.01	105	1748940	50.155	ug/l	100
74) N-amyl acetate	10.89	43	859062	62.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	628355	54.308	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	501163m	53.395	ug/l	
77) Bromobenzene	11.25	156	460884	48.226	ug/l	100
78) n-propylbenzene	11.35	91	2002043	51.854	ug/l	100
79) 2-Chlorotoluene	11.42	91	1172533	50.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1476757	50.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213269	60.374	ug/l	100
82) 4-Chlorotoluene	11.51	91	1367383	50.733	ug/l	100
83) tert-Butylbenzene	11.76	119	1507774	52.438	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1497854	51.078	ug/l	100
85) sec-Butylbenzene	11.94	105	1705038	51.014	ug/l	100
86) p-Isopropyltoluene	12.06	119	1592195	51.484	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	822267	49.488	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	816859	48.102	ug/l	100
89) n-Butylbenzene	12.39	91	1399434	52.793	ug/l	100
90) Hexachloroethane	12.59	117	280303	56.426	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	817371	49.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	149985	60.759	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	579093	51.721	ug/l	100
94) Hexachlorobutadiene	13.78	225	275841	49.832	ug/l	100
95) Naphthalene	13.83	128	1935744	57.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	586773	52.457	ug/l	100

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

