

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014902.D
 Acq On : 10 Feb 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:09 AM

Quant Time: Feb 11 07:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	657428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	243402	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.49	113	200021	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	8.71	98	771478	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	287599	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	220905	51.032	ug/l	100
3) Chloromethane	1.32	50	244715	49.864	ug/l	100
4) Vinyl Chloride	1.41	62	265685	50.254	ug/l	98
5) Bromomethane	1.64	94	163904	47.896	ug/l	99
6) Chloroethane	1.72	64	166864	49.327	ug/l	96
7) Trichlorofluoromethane	1.93	101	361204	48.900	ug/l	100
8) Diethyl Ether	2.18	74	150741	49.212	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	206139	48.078	ug/l	98
10) Methyl Iodide	2.50	142	252623	52.602	ug/l	100
11) Tert butyl alcohol	3.03	59	219803	241.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207290	49.476	ug/l	97
13) Acrolein	2.28	56	151785	218.647	ug/l	100
14) Allyl chloride	2.72	41	353794	47.629	ug/l	99
15) Acrylonitrile	3.13	53	573580	248.408	ug/l	100
16) Acetone	2.43	43	593580	212.569	ug/l	100
17) Carbon Disulfide	2.56	76	552317	47.182	ug/l	99
18) Methyl Acetate	2.76	43	254069	48.902	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	688960	50.527	ug/l	98
20) Methylene Chloride	2.85	84	236759	47.710	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	227196	49.145	ug/l	100
22) Diisopropyl ether	3.84	45	715467	50.430	ug/l	97
23) Vinyl Acetate	3.81	43	3065139	262.084	ug/l	100
24) 1,1-Dichloroethane	3.69	63	396172	49.478	ug/l	99
25) 2-Butanone	4.65	43	828869	236.011	ug/l	99
26) 2,2-Dichloropropane	4.58	77	308135	44.655	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	255134	49.370	ug/l	99
28) Bromochloromethane	5.00	49	158688	51.131	ug/l	100
29) Tetrahydrofuran	5.11	42	503445	252.170	ug/l	99
30) Chloroform	5.20	83	393730	49.562	ug/l	99
31) Cyclohexane	5.58	56	354335	48.587	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342685	49.313	ug/l	100
36) 1,1-Dichloropropene	5.79	75	307375	49.287	ug/l	99
37) Ethyl Acetate	4.82	43	320840	49.325	ug/l	100
38) Carbon Tetrachloride	5.78	117	290176	47.745	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	370282	47.474	ug/l	99
40) Benzene	6.14	78	902259	48.421	ug/l	100
41) Methacrylonitrile	5.03	41	174847	49.898	ug/l	98
42) 1,2-Dichloroethane	6.18	62	322568	47.896	ug/l	100
43) Isopropyl Acetate	6.43	43	529284	49.327	ug/l	100
44) Trichloroethene	7.21	130	259209	47.919	ug/l	96
45) 1,2-Dichloropropane	7.51	63	233731	49.184	ug/l	99
46) Dibromomethane	7.65	93	152662	46.997	ug/l	99
47) Bromodichloromethane	7.89	83	303420	47.109	ug/l	99
48) Methyl methacrylate	7.76	41	263620	49.922	ug/l	100
49) 1,4-Dioxane	7.73	88	94978	961.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1596571	246.419	ug/l	100
52) Toluene	8.78	92	578121	48.849	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	346838	49.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	370732	47.543	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	233622	48.791	ug/l	98
56) Ethyl methacrylate	9.17	69	368325	51.177	ug/l	99
57) 1,3-Dichloropropane	9.37	76	391790	48.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	911282	242.109	ug/l	99
59) 2-Hexanone	9.48	43	1234933	242.493	ug/l	100
60) Dibromochloromethane	9.58	129	249358	48.392	ug/l	97
61) 1,2-Dibromoethane	9.67	107	246335	47.681	ug/l	100
64) Tetrachloroethene	9.33	164	274078	44.589	ug/l	99
65) Chlorobenzene	10.14	112	640503	48.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233832	48.303	ug/l	99
67) Ethyl Benzene	10.25	91	1118889	49.339	ug/l	99
68) m/p-Xylenes	10.35	106	860503	98.499	ug/l	99
69) o-Xylene	10.70	106	407804	48.561	ug/l	99
70) Styrene	10.71	104	715080	50.333	ug/l	100
71) Bromoform	10.85	173	192544	47.650	ug/l	99
73) Isopropylbenzene	11.01	105	1097114	49.117	ug/l	100
74) N-amyl acetate	10.89	43	472043	50.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	344092	47.125	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288835m	44.844	ug/l	
77) Bromobenzene	11.25	156	296981	47.636	ug/l	98
78) n-propylbenzene	11.35	91	1271784	49.228	ug/l	100
79) 2-Chlorotoluene	11.42	91	737244	48.542	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	932210	49.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	114372	45.453	ug/l	96
82) 4-Chlorotoluene	11.51	91	869974	48.370	ug/l	100
83) tert-Butylbenzene	11.76	119	882281	49.921	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	933309	49.622	ug/l	100
85) sec-Butylbenzene	11.94	105	1085625	49.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	1016541	49.477	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	531127	47.488	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	540176	47.295	ug/l	100
89) n-Butylbenzene	12.39	91	914564	49.702	ug/l	99
90) Hexachloroethane	12.59	117	171292	47.740	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	527015	48.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74758	43.642	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	405029	50.030	ug/l	98
94) Hexachlorobutadiene	13.78	225	191792	48.980	ug/l	100
95) Naphthalene	13.83	128	1125209	52.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	389102	49.748	ug/l	98

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

