

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014837.D
 Acq On : 06 Feb 2020 10:25
 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
 2/7/2020 11:44:34 AM

Quant Time: Feb 06 15:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	405813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	548652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	229275	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.48	113	187946	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	701389	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	255618	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	228978	42.122	ug/l	98
3) Chloromethane	1.32	50	224385	40.872	ug/l	99
4) Vinyl Chloride	1.40	62	259638	43.740	ug/l	100
5) Bromomethane	1.63	94	174824	43.360	ug/l	98
6) Chloroethane	1.72	64	148937	43.681	ug/l	100
7) Trichlorofluoromethane	1.92	101	316182	45.746	ug/l	100
8) Diethyl Ether	2.18	74	140662	46.626	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191092	47.096	ug/l	99
10) Methyl Iodide	2.50	142	258787	48.608	ug/l	99
11) Tert butyl alcohol	3.03	59	228464	214.733	ug/l	99
12) 1,1-Dichloroethene	2.36	96	178830	44.329	ug/l	96
13) Acrolein	2.28	56	194219	231.518	ug/l	100
14) Allyl chloride	2.72	41	330370	45.561	ug/l	97
15) Acrylonitrile	3.13	53	564178	229.181	ug/l	100
16) Acetone	2.43	43	689912	265.622	ug/l	100
17) Carbon Disulfide	2.56	76	439046	39.820	ug/l	99
18) Methyl Acetate	2.76	43	349849	47.190	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	669886	50.697	ug/l	99
20) Methylene Chloride	2.84	84	215900	44.923	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	195822	44.086	ug/l	98
22) Diisopropyl ether	3.84	45	701851	48.650	ug/l	96
23) Vinyl Acetate	3.80	43	2759090	250.891	ug/l	100
24) 1,1-Dichloroethane	3.69	63	367303	46.882	ug/l	98
25) 2-Butanone	4.65	43	889885	239.138	ug/l	97
26) 2,2-Dichloropropane	4.57	77	311127	49.614	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	237386	47.751	ug/l	98
28) Bromochloromethane	5.00	49	146355	42.510	ug/l	96
29) Tetrahydrofuran	5.11	42	499042	225.953	ug/l	99
30) Chloroform	5.20	83	377867	48.687	ug/l	99
31) Cyclohexane	5.56	56	318385	43.207	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	319611	48.719	ug/l	98
36) 1,1-Dichloropropene	5.79	75	273428	49.167	ug/l	99
37) Ethyl Acetate	4.81	43	308119	48.374	ug/l	99
38) Carbon Tetrachloride	5.77	117	270851	50.996	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	335389	48.140	ug/l	95
40) Benzene	6.13	78	827839	48.178	ug/l	99
41) Methacrylonitrile	5.03	41	171599	47.208	ug/l	97
42) 1,2-Dichloroethane	6.18	62	310409	52.313	ug/l	99
43) Isopropyl Acetate	6.43	43	523114	50.153	ug/l	99
44) Trichloroethene	7.20	130	233895	48.190	ug/l	98
45) 1,2-Dichloropropane	7.50	63	220882	49.897	ug/l	98
46) Dibromomethane	7.65	93	147688	51.513	ug/l	99
47) Bromodichloromethane	7.89	83	297115	52.838	ug/l	99
48) Methyl methacrylate	7.76	41	256121	51.393	ug/l	97
49) 1,4-Dioxane	7.73	88	96235	910.974	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1596425	242.503	ug/l	99
52) Toluene	8.78	92	531325	50.303	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	332358	54.892	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	362037	54.353	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227915	52.703	ug/l	99
56) Ethyl methacrylate	9.17	69	352195	48.109	ug/l	99
57) 1,3-Dichloropropane	9.36	76	380095	51.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	570492	262.313	ug/l	98
59) 2-Hexanone	9.48	43	1269767	248.565	ug/l	98
60) Dibromochloromethane	9.57	129	244746	54.220	ug/l	100
61) 1,2-Dibromoethane	9.67	107	233993	51.176	ug/l	100
64) Tetrachloroethene	9.33	164	251077	46.231	ug/l	97
65) Chlorobenzene	10.13	112	589265	50.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	228389	52.784	ug/l	98
67) Ethyl Benzene	10.25	91	1029163	51.361	ug/l	100
68) m/p-Xylenes	10.35	106	788824	103.911	ug/l	99
69) o-Xylene	10.70	106	381112	52.003	ug/l	99
70) Styrene	10.71	104	666992	54.256	ug/l	100
71) Bromoform	10.85	173	187180	54.398	ug/l	# 100
73) Isopropylbenzene	11.01	105	1021726	50.881	ug/l	100
74) N-amyl acetate	10.89	43	452038	51.370	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	338077	47.153	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286920m	43.182	ug/l	
77) Bromobenzene	11.25	156	273249	50.652	ug/l	96
78) n-propylbenzene	11.35	91	1160637	50.920	ug/l	99
79) 2-Chlorotoluene	11.42	91	688255	49.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	861384	51.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	117641	50.386	ug/l	99
82) 4-Chlorotoluene	11.51	91	803154	51.153	ug/l	100
83) tert-Butylbenzene	11.76	119	825594	52.717	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	864378	51.707	ug/l	99
85) sec-Butylbenzene	11.94	105	1010178	52.653	ug/l	99
86) p-Isopropyltoluene	12.06	119	925603	52.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	484190	49.942	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	485936	50.037	ug/l	99
89) n-Butylbenzene	12.38	91	824865	53.416	ug/l	99
90) Hexachloroethane	12.59	117	165822	50.351	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483746	50.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73548	47.745	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	341506	55.010	ug/l	99
94) Hexachlorobutadiene	13.77	225	169142	52.936	ug/l	97
95) Naphthalene	13.83	128	1008797	50.384	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	345119	54.979	ug/l	98

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

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