

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015033.D
 Acq On : 27 Feb 2020 08:49
 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
 2/28/2020 11:28:31 AM

Quant Time: Feb 27 10:50:40 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	427974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	633282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	224875	46.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.48	113	190926	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	731813	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	269225	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	192398	47.471	ug/l	99
3) Chloromethane	1.32	50	237599	51.708	ug/l	98
4) Vinyl Chloride	1.41	62	243521	49.196	ug/l	98
5) Bromomethane	1.63	94	134936	42.114	ug/l	94
6) Chloroethane	1.72	64	152481	48.142	ug/l	97
7) Trichlorofluoromethane	1.92	101	314298	45.445	ug/l	100
8) Diethyl Ether	2.18	74	138310	48.226	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202557	50.457	ug/l	98
10) Methyl Iodide	2.50	142	196718	44.484	ug/l	100
11) Tert butyl alcohol	3.03	59	213073	249.849	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192144	48.981	ug/l	96
13) Acrolein	2.28	56	142159	218.714	ug/l	99
14) Allyl chloride	2.72	41	346832	49.868	ug/l	97
15) Acrylonitrile	3.13	53	579510	268.052	ug/l	99
16) Acetone	2.43	43	725870	281.127	ug/l	99
17) Carbon Disulfide	2.56	76	479739	43.770	ug/l	99
18) Methyl Acetate	2.76	43	277782	57.103	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	658828	51.605	ug/l	100
20) Methylene Chloride	2.85	84	221543	47.681	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	206933	47.807	ug/l	96
22) Diisopropyl ether	3.84	45	721117	54.287	ug/l	98
23) Vinyl Acetate	3.80	43	3010978	274.969	ug/l	100
24) 1,1-Dichloroethane	3.69	63	386324	51.531	ug/l	99
25) 2-Butanone	4.65	43	912270	277.432	ug/l	100
26) 2,2-Dichloropropane	4.57	77	313318	48.495	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	247165	51.082	ug/l	98
28) Bromochloromethane	5.00	49	164023	56.445	ug/l	96
29) Tetrahydrofuran	5.11	42	511563	273.670	ug/l	98
30) Chloroform	5.20	83	385573	51.838	ug/l	97
31) Cyclohexane	5.57	56	336186	49.235	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	321617	49.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287615	50.771	ug/l	99
37) Ethyl Acetate	4.81	43	310133	52.490	ug/l	99
38) Carbon Tetrachloride	5.77	117	276630	50.108	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	357176	50.415	ug/l	97
40) Benzene	6.13	78	866216	51.178	ug/l	100
41) Methacrylonitrile	5.03	41	176213	55.361	ug/l	99
42) 1,2-Dichloroethane	6.18	62	302317	49.419	ug/l	98
43) Isopropyl Acetate	6.43	43	515789	52.920	ug/l	99
44) Trichloroethene	7.20	130	244283	49.717	ug/l	99
45) 1,2-Dichloropropane	7.50	63	230302	53.353	ug/l	99
46) Dibromomethane	7.65	93	148730	50.406	ug/l	98
47) Bromodichloromethane	7.89	83	305326	52.189	ug/l	96
48) Methyl methacrylate	7.76	41	257509	53.685	ug/l	99
49) 1,4-Dioxane	7.73	88	94735	1056.337	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1615109	274.433	ug/l	100
52) Toluene	8.78	92	550963	51.252	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	337225	52.595	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	367826	51.930	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229793	52.834	ug/l	99
56) Ethyl methacrylate	9.17	69	359793	55.036	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379740	51.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	946291	276.778	ug/l	99
59) 2-Hexanone	9.48	43	1300062	281.040	ug/l	99
60) Dibromochloromethane	9.57	129	247289	52.833	ug/l	98
61) 1,2-Dibromoethane	9.67	107	239151	50.961	ug/l	99
64) Tetrachloroethene	9.33	164	244664	44.301	ug/l	98
65) Chlorobenzene	10.13	112	609384	50.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	225739	51.899	ug/l	99
67) Ethyl Benzene	10.25	91	1066503	52.342	ug/l	100
68) m/p-Xylenes	10.35	106	822766	104.818	ug/l	98
69) o-Xylene	10.69	106	391056	51.827	ug/l	100
70) Styrene	10.71	104	690399	54.086	ug/l	99
71) Bromoform	10.85	173	194707	53.629	ug/l #	99
73) Isopropylbenzene	11.01	105	1060533	53.357	ug/l	100
74) N-amyl acetate	10.89	43	453473	54.908	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	345764	53.216	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	289954m	50.589	ug/l	
77) Bromobenzene	11.25	156	278819	50.258	ug/l	99
78) n-propylbenzene	11.35	91	1235938	53.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	716596	53.022	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	894471	53.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	117127	52.309	ug/l	99
82) 4-Chlorotoluene	11.51	91	842405	52.634	ug/l	100
83) tert-Butylbenzene	11.76	119	858758	54.604	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	893194	53.367	ug/l	99
85) sec-Butylbenzene	11.94	105	1058474	54.177	ug/l	99
86) p-Isopropyltoluene	12.06	119	990192	54.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	508693	51.112	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	516032	50.774	ug/l	99
89) n-Butylbenzene	12.39	91	901433	55.053	ug/l	99
90) Hexachloroethane	12.59	117	171710	53.780	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	504523	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72709	47.699	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	367227	50.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	190150	54.572	ug/l	99
95) Naphthalene	13.83	128	1055069	55.083	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369723	53.121	ug/l	99

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

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