

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018334.D
 Acq On : 10 Sep 2020 11:07
 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
 9/11/2020 10:13:15 AM

Quant Time: Sep 11 06:59:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	409705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	619246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284283	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.46	113	223480	52.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.70	98	766729	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.12	95	318118	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	252302	50.579	ug/l	99
3) Chloromethane	1.31	50	214566	40.800	ug/l	100
4) Vinyl Chloride	1.39	62	236965	45.265	ug/l	97
5) Bromomethane	1.62	94	133718	52.956	ug/l	99
6) Chloroethane	1.71	64	145760	51.839	ug/l	100
7) Trichlorofluoromethane	1.92	101	415546	58.213	ug/l	95
8) Diethyl Ether	2.17	74	122103	50.438	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	219563	56.893	ug/l	98
10) Methyl Iodide	2.49	142	173548	42.874	ug/l	98
11) Tert butyl alcohol	3.01	59	265237	239.837	ug/l	99
12) 1,1-Dichloroethene	2.35	96	201020	50.207	ug/l	96
13) Acrolein	2.27	56	136621	297.937	ug/l	99
14) Allyl chloride	2.70	41	364980	50.738	ug/l	97
15) Acrylonitrile	3.11	53	604489	240.965	ug/l	99
16) Acetone	2.42	43	594484	268.233	ug/l	95
17) Carbon Disulfide	2.55	76	544520	44.988	ug/l	99
18) Methyl Acetate	2.75	43	301886	56.446	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	731626	53.282	ug/l	97
20) Methylene Chloride	2.83	84	229379	50.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	221956	50.036	ug/l	98
22) Diisopropyl ether	3.82	45	741265	52.211	ug/l	96
23) Vinyl Acetate	3.78	43	3209693	254.069	ug/l	100
24) 1,1-Dichloroethane	3.67	63	409135	50.624	ug/l	98
25) 2-Butanone	4.63	43	879309	241.410	ug/l	97
26) 2,2-Dichloropropane	4.55	77	396801	60.343	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	246523	48.234	ug/l	98
28) Bromochloromethane	4.98	49	186771	47.877	ug/l	100
29) Tetrahydrofuran	5.09	42	535339	230.881	ug/l	97
30) Chloroform	5.17	83	446931	53.407	ug/l	96
31) Cyclohexane	5.54	56	325381	47.795	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	411562	53.591	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311517	54.541	ug/l	99
37) Ethyl Acetate	4.79	43	322507	48.617	ug/l	99
38) Carbon Tetrachloride	5.75	117	384145	59.680	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344750	55.200	ug/l	97
40) Benzene	6.11	78	887001	52.852	ug/l	98
41) Methacrylonitrile	5.00	41	176077	48.341	ug/l	97
42) 1,2-Dichloroethane	6.16	62	369524	57.467	ug/l	98
43) Isopropyl Acetate	6.41	43	538951	50.301	ug/l	99
44) Trichloroethene	7.19	130	254339	53.634	ug/l	97
45) 1,2-Dichloropropane	7.49	63	240646	53.202	ug/l	98
46) Dibromomethane	7.63	93	173141	54.433	ug/l	98
47) Bromodichloromethane	7.87	83	368440	58.011	ug/l	99
48) Methyl methacrylate	7.74	41	277222	51.974	ug/l	98
49) 1,4-Dioxane	7.71	88	109687	1135.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1710254	258.405	ug/l	99
52) Toluene	8.76	92	575625	54.090	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	395462	56.181	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	408811	54.825	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	245300	54.046	ug/l	98
56) Ethyl methacrylate	9.16	69	357047	52.917	ug/l	98
57) 1,3-Dichloropropane	9.35	76	404667	54.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	854007	281.363	ug/l	99
59) 2-Hexanone	9.47	43	1341582	266.577	ug/l	99
60) Dibromochloromethane	9.56	129	304493	57.189	ug/l	99
61) 1,2-Dibromoethane	9.65	107	267520	54.291	ug/l	99
64) Tetrachloroethene	9.32	164	239354	54.053	ug/l	92
65) Chlorobenzene	10.12	112	634611	52.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264460	55.754	ug/l	97
67) Ethyl Benzene	10.24	91	1130978	55.260	ug/l	99
68) m/p-Xylenes	10.34	106	861276	112.746	ug/l	97
69) o-Xylene	10.68	106	406198	54.853	ug/l	96
70) Styrene	10.69	104	730027	57.888	ug/l	98
71) Bromoform	10.84	173	238583	58.969	ug/l #	99
73) Isopropylbenzene	11.00	105	1144563	50.873	ug/l	99
74) N-amyl acetate	10.88	43	492622	46.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	371785	46.844	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	352096m	46.404	ug/l	
77) Bromobenzene	11.24	156	305623	49.144	ug/l	97
78) n-propylbenzene	11.34	91	1349850	52.840	ug/l	100
79) 2-Chlorotoluene	11.40	91	803339	50.900	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1008389	54.543	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	134219	47.776	ug/l	94
82) 4-Chlorotoluene	11.49	91	976838	52.063	ug/l	99
83) tert-Butylbenzene	11.76	119	982403	53.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1028828	54.430	ug/l	99
85) sec-Butylbenzene	11.93	105	1158299	55.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	1072381	56.267	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	555419	50.868	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	556527	50.905	ug/l	99
89) n-Butylbenzene	12.37	91	977570	56.197	ug/l	99
90) Hexachloroethane	12.58	117	205864	54.901	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	535213	52.073	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90506	45.607	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	351692	51.314	ug/l	99
94) Hexachlorobutadiene	13.76	225	149479	55.294	ug/l	94
95) Naphthalene	13.82	128	1106099	49.038	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	357770	52.830	ug/l	99

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

