

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018586.D
 Acq On : 24 Sep 2020 20:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:14 PM

Quant Time: Sep 25 02:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	420037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	649984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	630763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	345801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	282843	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.47	113	220427	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.70	98	772825	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.12	95	301081	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	197905	49.696	ug/l	99
3) Chloromethane	1.31	50	208067	44.629	ug/l	97
4) Vinyl Chloride	1.39	62	226527	45.895	ug/l	100
5) Bromomethane	1.64	94	154288	50.931	ug/l	97
6) Chloroethane	1.71	64	130924	46.348	ug/l	97
7) Trichlorofluoromethane	1.92	101	397447	53.006	ug/l	97
8) Diethyl Ether	2.17	74	124211	47.215	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	200902	49.779	ug/l	99
10) Methyl Iodide	2.50	142	250896	50.219	ug/l	95
11) Tert butyl alcohol	3.04	59	218108	210.958	ug/l	100
12) 1,1-Dichloroethene	2.36	96	198207	48.726	ug/l	93
13) Acrolein	2.28	56	189236	289.065	ug/l	95
14) Allyl chloride	2.71	41	345446	43.823	ug/l	96
15) Acrylonitrile	3.12	53	565523	229.243	ug/l	99
16) Acetone	2.43	43	487232	214.406	ug/l	98
17) Carbon Disulfide	2.55	76	550566	45.320	ug/l	99
18) Methyl Acetate	2.75	43	274775	48.802	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	714595	50.043	ug/l	97
20) Methylene Chloride	2.84	84	227880	45.449	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	218994	46.323	ug/l	97
22) Diisopropyl ether	3.82	45	713663	48.165	ug/l	98
23) Vinyl Acetate	3.79	43	3124273	237.956	ug/l	100
24) 1,1-Dichloroethane	3.67	63	402630	47.118	ug/l	99
25) 2-Butanone	4.64	43	785013	221.827	ug/l	98
26) 2,2-Dichloropropane	4.56	77	325907	41.278	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	242813	45.824	ug/l	98
28) Bromochloromethane	4.98	49	189303	47.342	ug/l	99
29) Tetrahydrofuran	5.09	42	498958	223.700	ug/l	97
30) Chloroform	5.18	83	436254	50.317	ug/l	97
31) Cyclohexane	5.56	56	329391	45.807	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	410576	50.477	ug/l	99
36) 1,1-Dichloropropene	5.78	75	309364	49.037	ug/l	100
37) Ethyl Acetate	4.80	43	321105	47.664	ug/l	100
38) Carbon Tetrachloride	5.76	117	379073	54.254	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	329738	46.522	ug/l	98
40) Benzene	6.12	78	872357	48.250	ug/l	99
41) Methacrylonitrile	5.01	41	175551	46.896	ug/l	98
42) 1,2-Dichloroethane	6.17	62	366537	52.111	ug/l	99
43) Isopropyl Acetate	6.42	43	520701	46.577	ug/l	99
44) Trichloroethene	7.19	130	260992	49.865	ug/l	99
45) 1,2-Dichloropropane	7.49	63	237807	47.921	ug/l	96
46) Dibromomethane	7.64	93	169709	49.777	ug/l	99
47) Bromodichloromethane	7.88	83	356757	51.921	ug/l	96
48) Methyl methacrylate	7.75	41	258856	47.571	ug/l	96
49) 1,4-Dioxane	7.74	88	67774	753.794	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1622123	243.695	ug/l	99
52) Toluene	8.77	92	561357	49.340	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	381731	48.893	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	390623	48.565	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	235189	49.818	ug/l	98
56) Ethyl methacrylate	9.16	69	351903	50.271	ug/l	98
57) 1,3-Dichloropropane	9.35	76	394615	49.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	866669	232.868	ug/l	100
59) 2-Hexanone	9.48	43	1212751	239.537	ug/l	99
60) Dibromochloromethane	9.57	129	298127	52.960	ug/l	99
61) 1,2-Dibromoethane	9.65	107	260341	51.829	ug/l	99
64) Tetrachloroethene	9.32	164	239699	48.269	ug/l	98
65) Chlorobenzene	10.12	112	629270	48.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	259155	49.739	ug/l	98
67) Ethyl Benzene	10.24	91	1099630	48.913	ug/l	99
68) m/p-Xylenes	10.34	106	848279	99.747	ug/l	99
69) o-Xylene	10.68	106	392570	48.748	ug/l	99
70) Styrene	10.70	104	691989	49.766	ug/l	97
71) Bromoform	10.84	173	216079	49.393	ug/l #	99
73) Isopropylbenzene	11.00	105	1097490	47.509	ug/l	100
74) N-amyl acetate	10.88	43	455104	43.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	349027	45.647	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	319358m	43.948	ug/l	
77) Bromobenzene	11.24	156	286357	44.926	ug/l	97
78) n-propylbenzene	11.35	91	1260148	46.603	ug/l	99
79) 2-Chlorotoluene	11.40	91	748048	45.703	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	946927	47.931	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118914	41.933	ug/l	97
82) 4-Chlorotoluene	11.49	91	903964	46.461	ug/l	100
83) tert-Butylbenzene	11.76	119	909393	47.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	952841	47.891	ug/l	97
85) sec-Butylbenzene	11.93	105	1047990	46.304	ug/l	99
86) p-Isopropyltoluene	12.05	119	995076	47.839	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	520531	45.421	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	530965	45.693	ug/l	100
89) n-Butylbenzene	12.37	91	872572	45.314	ug/l	99
90) Hexachloroethane	12.58	117	191203	46.044	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	501443	46.748	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	86943	46.839	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	334369	44.789	ug/l	98
94) Hexachlorobutadiene	13.76	225	145549	46.461	ug/l	98
95) Naphthalene	13.82	128	1036985	45.995	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	325913	45.681	ug/l	98

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

