

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018375.D
 Acq On : 14 Sep 2020 10:34
 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
 9/15/2020 2:29:00 PM

Quant Time: Sep 15 05:15:35 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	5.62	168	399592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	600750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	576053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	278512	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.46	113	215541	52.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	8.70	98	762566	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	308613	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	229359	47.144	ug/l	98
3) Chloromethane	1.31	50	213088	41.544	ug/l	96
4) Vinyl Chloride	1.39	62	224641	43.996	ug/l	97
5) Bromomethane	1.62	94	139617	56.691	ug/l	99
6) Chloroethane	1.71	64	134337	48.986	ug/l	98
7) Trichlorofluoromethane	1.92	101	391347	56.210	ug/l	98
8) Diethyl Ether	2.17	74	121587	51.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201652	53.574	ug/l	97
10) Methyl Iodide	2.49	142	213573	52.713	ug/l	97
11) Tert butyl alcohol	3.01	59	243694	225.934	ug/l	100
12) 1,1-Dichloroethene	2.36	96	184547	47.259	ug/l	97
13) Acrolein	2.27	56	143175	320.132	ug/l	98
14) Allyl chloride	2.70	41	336794	48.005	ug/l	96
15) Acrylonitrile	3.11	53	552844	225.955	ug/l	98
16) Acetone	2.42	43	522798	241.858	ug/l	97
17) Carbon Disulfide	2.55	76	487533	41.299	ug/l	100
18) Methyl Acetate	2.75	43	284048	54.455	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	692536	51.712	ug/l	97
20) Methylene Chloride	2.83	84	217810	49.263	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	204694	47.313	ug/l	98
22) Diisopropyl ether	3.82	45	685495	49.505	ug/l	100
23) Vinyl Acetate	3.78	43	2984668	242.236	ug/l	99
24) 1,1-Dichloroethane	3.67	63	389723	49.442	ug/l	98
25) 2-Butanone	4.63	43	791204	222.718	ug/l	96
26) 2,2-Dichloropropane	4.54	77	369992	57.690	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	231911	46.524	ug/l	98
28) Bromochloromethane	4.98	49	179764	47.247	ug/l	98
29) Tetrahydrofuran	5.09	42	490945	217.093	ug/l	97
30) Chloroform	5.17	83	422334	51.745	ug/l	96
31) Cyclohexane	5.54	56	305391	45.994	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	392590	52.415	ug/l	99
36) 1,1-Dichloropropene	5.76	75	288703	52.103	ug/l	98
37) Ethyl Acetate	4.79	43	305724	47.505	ug/l	98
38) Carbon Tetrachloride	5.75	117	369223	59.128	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311050	51.338	ug/l	99
40) Benzene	6.11	78	828333	50.875	ug/l	96
41) Methacrylonitrile	5.00	41	171160	48.438	ug/l	99
42) 1,2-Dichloroethane	6.16	62	353840	56.722	ug/l	96
43) Isopropyl Acetate	6.41	43	502822	48.374	ug/l	99
44) Trichloroethene	7.19	130	243246	52.874	ug/l	94
45) 1,2-Dichloropropane	7.49	63	226261	51.561	ug/l	94
46) Dibromomethane	7.63	93	161444	52.318	ug/l	99
47) Bromodichloromethane	7.87	83	345892	56.138	ug/l	98
48) Methyl methacrylate	7.74	41	257235	49.712	ug/l	98
49) 1,4-Dioxane	7.71	88	99742	1064.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1585657	246.955	ug/l	99
52) Toluene	8.76	92	540448	52.348	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	372489	54.547	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	388670	53.729	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	230387	52.323	ug/l	100
56) Ethyl methacrylate	9.16	69	334489	51.100	ug/l	98
57) 1,3-Dichloropropane	9.35	76	374396	51.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	825775	280.438	ug/l	97
59) 2-Hexanone	9.47	43	1209630	247.758	ug/l	100
60) Dibromochloromethane	9.56	129	295502	57.209	ug/l	96
61) 1,2-Dibromoethane	9.65	107	247722	51.821	ug/l	99
64) Tetrachloroethene	9.32	164	231890	54.779	ug/l	96
65) Chlorobenzene	10.12	112	599050	52.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	250600	55.265	ug/l	99
67) Ethyl Benzene	10.24	91	1059748	54.164	ug/l	98
68) m/p-Xylenes	10.34	106	819889	112.272	ug/l	97
69) o-Xylene	10.68	106	386034	54.531	ug/l	97
70) Styrene	10.69	104	682170	56.584	ug/l	98
71) Bromoform	10.84	173	219158	56.663	ug/l #	99
73) Isopropylbenzene	11.00	105	1084220	50.350	ug/l	100
74) N-amyl acetate	10.88	43	456949	44.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	339311	44.668	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	331018m	45.581	ug/l	
77) Bromobenzene	11.24	156	290743	48.845	ug/l	96
78) n-propylbenzene	11.34	91	1252160	51.212	ug/l	99
79) 2-Chlorotoluene	11.40	91	763839	50.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	945116	53.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	127313	47.348	ug/l	97
82) 4-Chlorotoluene	11.49	91	912796	50.829	ug/l	100
83) tert-Butylbenzene	11.76	119	925804	53.015	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	963806	53.274	ug/l	99
85) sec-Butylbenzene	11.93	105	1079609	54.364	ug/l	99
86) p-Isopropyltoluene	12.05	119	1030123	56.471	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	525971	50.329	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	534792	51.109	ug/l	98
89) n-Butylbenzene	12.37	91	893784	53.682	ug/l	99
90) Hexachloroethane	12.58	117	202616	56.455	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	502841	51.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87944	46.302	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	351213	53.540	ug/l	98
94) Hexachlorobutadiene	13.77	225	143264	55.369	ug/l	95
95) Naphthalene	13.82	128	1060461	49.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	334270	51.571	ug/l	98

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

