

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016598.D
 Acq On : 05 Jun 2020 09:46
 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
 6/8/2020 4:55:37 PM

Quant Time: Jun 06 06:07:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	242790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	328581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141086	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.46	113	114312	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.70	98	433950	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.12	95	165321	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113304	47.421	ug/l	99
3) Chloromethane	1.31	50	119782	41.485	ug/l	98
4) Vinyl Chloride	1.39	62	135569	44.398	ug/l	100
5) Bromomethane	1.62	94	65647	44.216	ug/l	98
6) Chloroethane	1.70	64	83899	47.102	ug/l	98
7) Trichlorofluoromethane	1.91	101	206575	51.513	ug/l	99
8) Diethyl Ether	2.17	74	77339	46.251	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111924	50.712	ug/l	97
10) Methyl Iodide	2.49	142	111688	42.824	ug/l	100
11) Tert butyl alcohol	3.01	59	161252	208.558	ug/l	100
12) 1,1-Dichloroethene	2.35	96	111428	47.697	ug/l	97
13) Acrolein	2.27	56	101245	307.830	ug/l	98
14) Allyl chloride	2.70	41	183835	42.789	ug/l	97
15) Acrylonitrile	3.11	53	346250	218.620	ug/l	99
16) Acetone	2.42	43	300254	227.293	ug/l	99
17) Carbon Disulfide	2.54	76	300614	43.331	ug/l	99
18) Methyl Acetate	2.75	43	152775	45.091	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	403263	48.071	ug/l	97
20) Methylene Chloride	2.83	84	128069	46.859	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	122885	47.555	ug/l	95
22) Diisopropyl ether	3.82	45	364100	44.115	ug/l	96
23) Vinyl Acetate	3.78	43	1597122	221.078	ug/l	98
24) 1,1-Dichloroethane	3.67	63	217191	46.624	ug/l	99
25) 2-Butanone	4.63	43	462458	206.604	ug/l	94
26) 2,2-Dichloropropane	4.54	77	206565	54.190	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	138188	46.226	ug/l	99
28) Bromochloromethane	4.97	49	93552	43.216	ug/l	# 12
29) Tetrahydrofuran	5.08	42	298838	206.651	ug/l	94
30) Chloroform	5.17	83	225809	48.108	ug/l	99
31) Cyclohexane	5.54	56	179647	42.867	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	210312	49.492	ug/l	98
36) 1,1-Dichloropropene	5.76	75	165859	49.122	ug/l	98
37) Ethyl Acetate	4.79	43	174758	43.110	ug/l	97
38) Carbon Tetrachloride	5.75	117	189825	53.497	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	184198	50.226	ug/l	96
40) Benzene	6.11	78	496291	49.358	ug/l	100
41) Methacrylonitrile	5.00	41	96088	43.154	ug/l	96
42) 1,2-Dichloroethane	6.16	62	180102	50.367	ug/l	99
43) Isopropyl Acetate	6.41	43	283478	44.832	ug/l	98
44) Trichloroethene	7.18	130	159091	49.868	ug/l	96
45) 1,2-Dichloropropane	7.49	63	124586	48.671	ug/l	98
46) Dibromomethane	7.63	93	85520	49.741	ug/l	97
47) Bromodichloromethane	7.87	83	186056	52.263	ug/l	98
48) Methyl methacrylate	7.74	41	138499	45.747	ug/l	97
49) 1,4-Dioxane	7.71	88	66887	944.052	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	900768	228.788	ug/l	98
52) Toluene	8.76	92	322001	50.784	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	209206	51.681	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218838	51.074	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	131474	52.151	ug/l	95
56) Ethyl methacrylate	9.16	69	198129	48.256	ug/l	99
57) 1,3-Dichloropropane	9.35	76	217824	50.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	530394	247.494	ug/l	96
59) 2-Hexanone	9.47	43	707248	230.995	ug/l	97
60) Dibromochloromethane	9.56	129	152414	53.723	ug/l	100
61) 1,2-Dibromoethane	9.65	107	138463	51.289	ug/l	99
64) Tetrachloroethene	9.32	164	188035	51.150	ug/l	99
65) Chlorobenzene	10.12	112	347033	51.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	136970	53.564	ug/l	99
67) Ethyl Benzene	10.23	91	615288	51.589	ug/l	100
68) m/p-Xylenes	10.34	106	465168	105.191	ug/l	98
69) o-Xylene	10.68	106	223289	52.138	ug/l	97
70) Styrene	10.70	104	395978	53.792	ug/l	100
71) Bromoform	10.84	173	119941	55.499	ug/l	99
73) Isopropylbenzene	11.00	105	604147	51.606	ug/l	100
74) N-amyl acetate	10.88	43	242091	44.957	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	148023	50.451	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	184415m	49.656	ug/l	
77) Bromobenzene	11.24	156	156439	50.949	ug/l	96
78) n-propylbenzene	11.34	91	671140	51.313	ug/l	99
79) 2-Chlorotoluene	11.40	91	410259	51.388	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	514103	52.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	74410	49.285	ug/l	96
82) 4-Chlorotoluene	11.49	91	482609	51.191	ug/l	99
83) tert-Butylbenzene	11.76	119	441423	52.850	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	520677	52.669	ug/l	100
85) sec-Butylbenzene	11.93	105	552259	52.707	ug/l	100
86) p-Isopropyltoluene	12.05	119	530666	54.067	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	278292	52.314	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	277652	51.033	ug/l	99
89) n-Butylbenzene	12.37	91	439859	53.804	ug/l	99
90) Hexachloroethane	12.58	117	90923	53.631	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	264598	51.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44556	46.884	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	181127	52.916	ug/l	99
94) Hexachlorobutadiene	13.77	225	83226	61.928	ug/l	98
95) Naphthalene	13.82	128	609764	51.965	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	181974	54.266	ug/l	99

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

