

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017314.D
 Acq On : 02 Jul 2020 18:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Jul 03 01:19:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162733	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	90237	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43360	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	36315	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	95002	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.93	46	111920	42.87	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.74%
24) Chloroform-d	4.37	84	105024	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	55691	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.07	84	188043	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.09	67	54048	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.33	98	181626	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.64	79	23855	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.11	63	81696	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38446	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	70987	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	63640	4.670	ug/L 99
3) Chloromethane	1.25	50	49791	4.312	ug/L 98
5) Vinyl chloride	1.32	62	52856	4.719	ug/L 94
6) Bromomethane	1.53	94	24865	3.809	ug/L 97
8) Chloroethane	1.60	64	32377	5.230	ug/L 98
9) Trichlorofluoromethane	1.77	101	103310	5.696	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48364	5.350	ug/L 96
12) 1,1-Dichloroethene	2.14	96	44787	5.467	ug/L 88
13) Acetone	2.21	43	74867	56.724	ug/L 93
14) Carbon disulfide	2.31	76	125285	5.104	ug/L 99
15) Methyl Acetate	2.45	43	16121	4.996	ug/L 99
16) Methylene chloride	2.52	84	46804	5.335	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	111632	5.427	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	46365	5.341	ug/L 98
19) 1,1-Dichloroethane	3.21	63	100115	5.133	ug/L 99
21) 2-Butanone	4.02	43	116926	46.996	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	56801	4.785	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	25021	4.960	ug/L	93
25) Chloroform	4.40	83	108437	5.090	ug/L	99
27) 1,2-Dichloroethane	5.16	62	67252	5.081	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	103068	5.286	ug/L	99
30) Cyclohexane	4.70	56	80986	4.365	ug/L	96
31) Carbon tetrachloride	4.85	117	94534	5.374	ug/L	98
33) Benzene	5.12	78	205445	4.821	ug/L	100
34) Trichloroethene	5.94	95	61124	4.898	ug/L	96
35) Methylcyclohexane	6.15	83	89501	4.614	ug/L	98
37) 1,2-Dichloropropane	6.20	63	49613	4.703	ug/L	99
38) Bromodichloromethane	6.53	83	73122	5.103	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	76099	4.855	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	283045	46.468	ug/L	98
42) Toluene	7.41	91	232576	4.694	ug/L	96
43) 1,3,5-Trimethylbenzene	10.56	105	228759	5.163	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	234477	5.197	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	66364	4.895	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	35976	4.808	ug/L	99
49) Tetrachloroethene	7.99	164	50822	5.060	ug/L	99
50) 2-Hexanone	8.16	43	202733	46.769	ug/L	98
51) Dibromochloromethane	8.27	129	48344	5.330	ug/L	100
52) 1,2-Dibromoethane	8.37	107	34567	4.871	ug/L #	94
53) Chlorobenzene	8.90	112	151771	4.914	ug/L	99
54) Ethylbenzene	9.03	91	261222	4.939	ug/L	99
55) m,p-xylene	9.16	106	102020	4.918	ug/L	98
56) o-xylene	9.56	106	96344	4.977	ug/L	99
57) Styrene	9.58	104	163818	5.107	ug/L	99
58) Isopropylbenzene	9.95	105	272516	5.116	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38664	4.996	ug/L	93
62) Bromoform	9.75	173	26617	5.513	ug/L	95
63) 1,3-Dichlorobenzene	11.20	146	133817	4.926	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	128697	4.661	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	116796	4.737	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	7101	5.207	ug/L #	86
68) 1,3,5-Trichlorobenzene	12.67	180	104541	4.790	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	85442	4.755	ug/L	99
70) Naphthalene	13.53	128	119788	4.721	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	73792	5.035	ug/L	99

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

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