

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017384.D
 Acq On : 07 Jul 2020 18:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Jul 08 01:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151819	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149696	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41385	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	36827	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	92870	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	3.94	46	105077	45.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	4.38	84	105383	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.06	65	56840	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.07	84	185890	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	51952	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.34	98	178504	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	23469	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
48) 2-Hexanone-d5	8.11	63	82600	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40733	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	72679	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	56378	4.652	ug/L 98
3) Chloromethane	1.25	50	40422	3.936	ug/L 98
5) Vinyl chloride	1.32	62	46169	4.634	ug/L 98
6) Bromomethane	1.53	94	22716	3.912	ug/L 100
8) Chloroethane	1.60	64	27884	5.065	ug/L 99
9) Trichlorofluoromethane	1.77	101	91912	5.697	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43797	5.447	ug/L 97
12) 1,1-Dichloroethene	2.14	96	38395	5.269	ug/L 92
13) Acetone	2.22	43	62288	53.060	ug/L 64
14) Carbon disulfide	2.31	76	99990	4.580	ug/L 99
15) Methyl Acetate	2.46	43	13037	4.542	ug/L 93
16) Methylene chloride	2.52	84	41066	5.263	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	102139	5.583	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	40431	5.236	ug/L 98
19) 1,1-Dichloroethane	3.21	63	88442	5.098	ug/L 95
21) 2-Butanone	4.04	43	98163	44.359	ug/L 95
22) cis-1,2-Dichloroethene	3.94	96	49172	4.657	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	22041	4.912	ug/L	93
25) Chloroform	4.41	83	100039	5.279	ug/L	97
27) 1,2-Dichloroethane	5.16	62	64601	5.487	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	94500	5.269	ug/L	98
30) Cyclohexane	4.70	56	64823	3.798	ug/L	90
31) Carbon tetrachloride	4.85	117	84126	5.198	ug/L	100
33) Benzene	5.13	78	178957	4.565	ug/L	100
34) Trichloroethene	5.94	95	52816	4.601	ug/L	97
35) Methylcyclohexane	6.15	83	75877	4.252	ug/L	96
37) 1,2-Dichloropropane	6.20	63	42683	4.398	ug/L	98
38) Bromodichloromethane	6.53	83	67980	5.157	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	67250	4.664	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	252965	45.147	ug/L	98
42) Toluene	7.41	91	208326	4.571	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	208515	5.116	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	209027	5.036	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	58704	4.707	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	33329	4.842	ug/L	95
49) Tetrachloroethene	8.00	164	43504	4.708	ug/L	99
50) 2-Hexanone	8.16	43	181401	45.492	ug/L	98
51) Dibromochloromethane	8.27	129	45352	5.436	ug/L	100
52) 1,2-Dibromoethane	8.38	107	31955	4.895	ug/L	95
53) Chlorobenzene	8.90	112	139077	4.895	ug/L	99
54) Ethylbenzene	9.03	91	232852	4.786	ug/L	98
55) m,p-xylene	9.16	106	89735	4.703	ug/L	96
56) o-xylene	9.56	106	87443	4.911	ug/L	98
57) Styrene	9.58	104	151745	5.143	ug/L	99
58) Isopropylbenzene	9.95	105	246782	5.036	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	36637	5.146	ug/L	95
62) Bromoform	9.75	173	24675	5.650	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	124487	5.066	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	120778	4.836	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	110460	4.953	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6453	5.231	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	95600	4.842	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	77914	4.794	ug/L	99
70) Naphthalene	13.53	128	109467	4.770	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	69715	5.259	ug/L	98

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

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