

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017069.D
 Acq On : 24 Jun 2020 14:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Jun 25 01:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178735	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171272	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42519	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	34093	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	92222	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.92	46	121049	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.38	84	114638	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	58715	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.07	84	208642	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	60487	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.33	98	199994	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.64	79	25315	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
48) 2-Hexanone-d5	8.11	63	94713	44.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44846	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	76648	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75529	5.294	ug/L 99
3) Chloromethane	1.25	50	62330	5.155	ug/L 97
5) Vinyl chloride	1.32	62	62320	5.314	ug/L 99
6) Bromomethane	1.53	94	34678	5.073	ug/L 98
8) Chloroethane	1.60	64	35205	5.431	ug/L 95
9) Trichlorofluoromethane	1.77	101	100194	5.275	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	51266	5.416	ug/L 99
12) 1,1-Dichloroethene	2.14	96	45961	5.358	ug/L 88
13) Acetone	2.20	43	73032	52.843	ug/L 96
14) Carbon disulfide	2.31	76	133941	5.211	ug/L 99
15) Methyl Acetate	2.45	43	17723	5.245	ug/L 99
16) Methylene chloride	2.52	84	46959	5.112	ug/L 95
17) Methyl tert-butyl Ether	2.79	73	109953	5.105	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	49140	5.406	ug/L 97
19) 1,1-Dichloroethane	3.21	63	109998	5.386	ug/L 97
21) 2-Butanone	4.01	43	129994	49.897	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	62824	5.054	ug/L 96

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	27745	5.252	ug/L	98
25) Chloroform	4.40	83	114920	5.151	ug/L	98
27) 1,2-Dichloroethane	5.16	62	71443	5.155	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	109402	5.332	ug/L	100
30) Cyclohexane	4.70	56	94142	4.821	ug/L	99
31) Carbon tetrachloride	4.85	117	98463	5.318	ug/L	97
33) Benzene	5.12	78	238486	5.317	ug/L	100
34) Trichloroethene	5.94	95	64624	4.920	ug/L	99
35) Methylcyclohexane	6.15	83	100233	4.909	ug/L	99
37) 1,2-Dichloropropane	6.20	63	58117	5.234	ug/L	98
38) Bromodichloromethane	6.53	83	76820	5.093	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	81523	4.942	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	317452	49.519	ug/L	99
42) Toluene	7.41	91	259527	4.977	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	239027	5.126	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	247826	5.219	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	71452	5.007	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	39427	5.006	ug/L	97
49) Tetrachloroethene	7.99	164	54180	5.125	ug/L	97
50) 2-Hexanone	8.16	43	221983	48.657	ug/L	98
51) Dibromochloromethane	8.27	129	51368	5.381	ug/L	98
52) 1,2-Dibromoethane	8.37	107	37698	5.048	ug/L	90
53) Chlorobenzene	8.90	112	166733	5.129	ug/L	100
54) Ethylbenzene	9.03	91	286709	5.151	ug/L	100
55) m,p-xylene	9.16	106	108890	4.988	ug/L	97
56) o-xylene	9.56	106	103147	5.063	ug/L	97
57) Styrene	9.58	104	180302	5.341	ug/L	99
58) Isopropylbenzene	9.95	105	287302	5.124	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	46277	5.681	ug/L	95
62) Bromoform	9.75	173	26589	5.408	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	140648	5.084	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	138712	4.933	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	125894	5.014	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8452	6.086	ug/L	89
68) 1,3,5-Trichlorobenzene	12.67	180	109595	4.931	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	87650	4.790	ug/L	100
70) Naphthalene	13.53	128	127153	4.921	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	76485	5.125	ug/L	99

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

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