

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017255.D
 Acq On : 30 Jun 2020 12:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Jul 01 05:57:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:37:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167088	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	89010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44079	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	36843	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	89437	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	3.95	46	121099	45.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	4.37	84	116017	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	60095	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.07	84	200727	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.09	67	59000	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.33	98	189664	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.64	79	26639	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
48) 2-Hexanone-d5	8.11	63	92184	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42711	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	75395	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65448	4.686	ug/L 99
3) Chloromethane	1.25	50	50398	4.258	ug/L 99
5) Vinyl chloride	1.32	62	51292	4.468	ug/L 98
6) Bromomethane	1.53	94	33276	4.973	ug/L 95
8) Chloroethane	1.60	64	30052	4.737	ug/L 97
9) Trichlorofluoromethane	1.77	101	95256	5.124	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45377	4.897	ug/L 98
12) 1,1-Dichloroethene	2.13	96	40208	4.789	ug/L 93
13) Acetone	2.24	43	60782	44.930	ug/L 65
14) Carbon disulfide	2.31	76	116179	4.618	ug/L 100
15) Methyl Acetate	2.46	43	12923	3.907	ug/L 97
16) Methylene chloride	2.52	84	43036	4.786	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	104934	4.977	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	44053	4.951	ug/L 98
19) 1,1-Dichloroethane	3.21	63	94110	4.707	ug/L 98
21) 2-Butanone	4.04	43	106153	41.626	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	56041	4.606	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	24697	4.776	ug/L	91
25) Chloroform	4.40	83	105029	4.810	ug/L	96
27) 1,2-Dichloroethane	5.16	62	68132	5.022	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	101505	5.071	ug/L	97
30) Cyclohexane	4.70	56	84090	4.414	ug/L	96
31) Carbon tetrachloride	4.85	117	90653	5.019	ug/L	98
33) Benzene	5.12	78	210992	4.822	ug/L	100
34) Trichloroethene	5.94	95	56851	4.437	ug/L	94
35) Methylcyclohexane	6.15	83	94340	4.736	ug/L	97
37) 1,2-Dichloropropane	6.20	63	49057	4.529	ug/L	99
38) Bromodichloromethane	6.53	83	70010	4.758	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	77734	4.830	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	283063	45.260	ug/L	99
42) Toluene	7.41	91	234725	4.614	ug/L	96
43) 1,3,5-Trimethylbenzene	10.56	105	228182	5.016	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	234788	5.068	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	67370	4.839	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	36228	4.715	ug/L	97
49) Tetrachloroethene	7.99	164	50608	4.907	ug/L	97
50) 2-Hexanone	8.16	43	205455	46.162	ug/L	100
51) Dibromochloromethane	8.27	129	48425	5.200	ug/L	97
52) 1,2-Dibromoethane	8.37	107	33740	4.631	ug/L	94
53) Chlorobenzene	8.90	112	149524	4.715	ug/L	97
54) Ethylbenzene	9.03	91	263203	4.847	ug/L	97
55) m,p-xylene	9.16	106	102101	4.794	ug/L	98
56) o-xylene	9.56	106	97999	4.931	ug/L	96
57) Styrene	9.58	104	164704	5.001	ug/L	98
58) Isopropylbenzene	9.95	105	271350	4.961	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.26	83	40478	5.094	ug/L	95
62) Bromoform	9.75	173	25901	5.439	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	131677	4.914	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	131203	4.817	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	119266	4.904	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	6981	5.190	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	103401	4.803	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	84263	4.754	ug/L	99
70) Naphthalene	13.53	128	124230	4.964	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	73661	5.096	ug/L	98

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

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