

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017044.D
 Acq On : 23 Jun 2020 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Jun 24 04:57:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 18:27:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	193146	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	189332	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	101370	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48588	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	38473	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	98170	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.93	46	143768	48.66	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.32%
24) Chloroform-d	4.37	84	117540	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.05	65	63673	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	226505	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	67183	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.33	98	222991	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
45) trans-1,3-Dichloropropene-	7.64	79	28068	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	8.11	63	100708	43.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.32%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	48071	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	83836	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79375	5.148	ug/L 97
3) Chloromethane	1.25	50	63028	4.824	ug/L 99
5) Vinyl chloride	1.32	62	63118	4.980	ug/L 95
6) Bromomethane	1.53	94	31651	4.285	ug/L 95
8) Chloroethane	1.60	64	36442	5.203	ug/L 100
9) Trichlorofluoromethane	1.77	101	103505	5.043	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52030	5.086	ug/L 98
12) 1,1-Dichloroethene	2.13	96	46799	5.049	ug/L 91
13) Acetone	2.20	43	77934	52.183	ug/L 99
14) Carbon disulfide	2.31	76	138707	4.994	ug/L 99
15) Methyl Acetate	2.45	43	18155	4.972	ug/L 100
16) Methylene chloride	2.52	84	46414	4.675	ug/L 96
17) Methyl tert-butyl Ether	2.78	73	115091	4.945	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	51170	5.209	ug/L 94
19) 1,1-Dichloroethane	3.21	63	111294	5.043	ug/L 100
21) 2-Butanone	4.01	43	150477	53.450	ug/L 97
22) cis-1,2-Dichloroethene	3.93	96	66056	4.918	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	29380	5.147	ug/L	96
25) Chloroform	4.40	83	128614	5.335	ug/L	97
27) 1,2-Dichloroethane	5.15	62	78207	5.222	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	115764	5.103	ug/L	98
30) Cyclohexane	4.70	56	100260	4.645	ug/L	98
31) Carbon tetrachloride	4.85	117	99943	4.883	ug/L	98
33) Benzene	5.12	78	249474	5.031	ug/L	100
34) Trichloroethene	5.94	95	67920	4.678	ug/L	98
35) Methylcyclohexane	6.15	83	106351	4.712	ug/L	99
37) 1,2-Dichloropropane	6.20	63	60872	4.959	ug/L	99
38) Bromodichloromethane	6.53	83	81084	4.863	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	87683	4.808	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	356334	50.282	ug/L	99
42) Toluene	7.41	91	275819	4.785	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	254192	4.931	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	257923	4.914	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	75700	4.799	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	43241	4.967	ug/L	98
49) Tetrachloroethene	7.99	164	56795	4.860	ug/L	98
50) 2-Hexanone	8.16	43	259193	51.394	ug/L	98
51) Dibromochloromethane	8.27	129	52248	4.951	ug/L	98
52) 1,2-Dibromoethane	8.37	107	39857	4.828	ug/L #	93
53) Chlorobenzene	8.90	112	174169	4.847	ug/L	98
54) Ethylbenzene	9.03	91	301397	4.898	ug/L	100
55) m,p-xylene	9.16	106	116793	4.839	ug/L	100
56) o-xylene	9.56	106	111174	4.936	ug/L	99
57) Styrene	9.58	104	191765	5.139	ug/L	97
58) Isopropylbenzene	9.95	105	302637	4.883	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	46410	5.154	ug/L	95
62) Bromoform	9.75	173	26084	4.810	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	150198	4.922	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	146044	4.708	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	132784	4.794	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7597	4.959	ug/L	86
68) 1,3,5-Trichlorobenzene	12.67	180	115915	4.727	ug/L	97
69) 1,2,4-trichlorobenzene	13.29	180	89885	4.453	ug/L	100
70) Naphthalene	13.53	128	123870	4.346	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	76428	4.643	ug/L	98

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

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