

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017119.D
 Acq On : 25 Jun 2020 11:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 01:29:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 17:01:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186918	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180590	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	96686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63744	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	48492	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.12	63	113842	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.60%
20) 2-Butanone-d5	3.95	46	148873	52.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.14%
24) Chloroform-d	4.37	84	135988	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.06	65	70821	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.07	84	255550	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.09	67	72366	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.33	98	241249	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
45) trans-1,3-Dichloropropene-	7.64	79	30466	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
48) 2-Hexanone-d5	8.11	63	116021	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	53374	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	92018	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75166	5.037 ug/L	99
3) Chloromethane	1.25	50	62644	4.954 ug/L	99
5) Vinyl chloride	1.32	62	59268	4.832 ug/L	99
6) Bromomethane	1.53	94	32350	4.525 ug/L	99
8) Chloroethane	1.60	64	33863	4.996 ug/L	97
9) Trichlorofluoromethane	1.76	101	102270	5.149 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49203	4.970 ug/L	99
12) 1,1-Dichloroethene	2.13	96	44804	4.994 ug/L	95
13) Acetone	2.23	43	70360m	48.681 ug/L	
14) Carbon disulfide	2.31	76	126806	4.718 ug/L	100
15) Methyl Acetate	2.46	43	15048	4.258 ug/L	91
16) Methylene chloride	2.52	84	45952	4.783 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	111762	4.962 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	47531	5.000 ug/L	94
19) 1,1-Dichloroethane	3.21	63	110444	5.171 ug/L	96
21) 2-Butanone	4.03	43	130718	47.979 ug/L	100
22) cis-1,2-Dichloroethene	3.93	96	63345	4.873 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	28477	5.155	ug/L	97
25) Chloroform	4.40	83	118855	5.094	ug/L	99
27) 1,2-Dichloroethane	5.16	62	72553	5.006	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	112431	5.196	ug/L	99
30) Cyclohexane	4.69	56	94225	4.577	ug/L	100
31) Carbon tetrachloride	4.85	117	99843	5.114	ug/L	96
33) Benzene	5.12	78	241958	5.116	ug/L	100
34) Trichloroethene	5.93	95	64987	4.693	ug/L	97
35) Methylcyclohexane	6.15	83	100867	4.685	ug/L	96
37) 1,2-Dichloropropane	6.20	63	59148	5.052	ug/L	99
38) Bromodichloromethane	6.53	83	78843	4.958	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	86384	4.967	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	336606	49.797	ug/L	99
42) Toluene	7.41	91	263342	4.789	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	244793	4.978	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	258920	5.171	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	75378	5.010	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	40680	4.899	ug/L	98
49) Tetrachloroethene	7.99	164	54931	4.928	ug/L	99
50) 2-Hexanone	8.16	43	236271	49.116	ug/L	98
51) Dibromochloromethane	8.27	129	52344	5.200	ug/L	97
52) 1,2-Dibromoethane	8.37	107	39000	4.952	ug/L	97
53) Chlorobenzene	8.90	112	172954	5.046	ug/L	98
54) Ethylbenzene	9.03	91	297279	5.065	ug/L	98
55) m,p-xylene	9.16	106	114624	4.979	ug/L	98
56) o-xylene	9.56	106	108437	5.048	ug/L	99
57) Styrene	9.58	104	186080	5.228	ug/L	99
58) Isopropylbenzene	9.95	105	298857	5.056	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	47778	5.563	ug/L	97
62) Bromoform	9.75	173	28697	5.548	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	148220	5.092	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	147101	4.972	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	131407	4.974	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8271	5.660	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	116271	4.972	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	95690	4.971	ug/L	98
70) Naphthalene	13.53	128	137173	5.046	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	82967	5.284	ug/L	99

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

