

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017336.D
 Acq On : 03 Jul 2020 03:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Jul 03 06:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155339	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41912	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	34336	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	91312	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.94	46	97993	40.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.94%
24) Chloroform-d	4.38	84	99197	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	54244	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	175270	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	47916	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.40%
41) Toluene-d8	7.34	98	169918	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.64	79	20578	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.11	63	72019	37.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35681	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66817	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58864	4.658	ug/L 100
3) Chloromethane	1.25	50	45797	4.276	ug/L 100
5) Vinyl chloride	1.32	62	48660	4.684	ug/L 99
6) Bromomethane	1.53	94	22735	3.755	ug/L 97
8) Chloroethane	1.60	64	28706	5.000	ug/L 98
9) Trichlorofluoromethane	1.77	101	96654	5.745	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	43370	5.173	ug/L 96
12) 1,1-Dichloroethene	2.14	96	39397	5.185	ug/L 90
13) Acetone	2.23	43	64642	52.807	ug/L 93
14) Carbon disulfide	2.31	76	112326	4.934	ug/L 98
15) Methyl Acetate	2.46	43	13585	4.539	ug/L 98
16) Methylene chloride	2.52	84	42224	5.189	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	102161	5.355	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	41328	5.133	ug/L 97
19) 1,1-Dichloroethane	3.21	63	91056	5.033	ug/L 95
21) 2-Butanone	4.03	43	101720	44.081	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	50898	4.623	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	23566	5.037	ug/L	90
25) Chloroform	4.40	83	100558	5.089	ug/L	100
27) 1,2-Dichloroethane	5.16	62	63208	5.149	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	96804	5.202	ug/L	98
30) Cyclohexane	4.70	56	71350	4.029	ug/L	94
31) Carbon tetrachloride	4.85	117	88300	5.258	ug/L	99
33) Benzene	5.13	78	189579	4.660	ug/L	100
34) Trichloroethene	5.94	95	55553	4.664	ug/L	97
35) Methylcyclohexane	6.15	83	77789	4.201	ug/L	97
37) 1,2-Dichloropropane	6.20	63	45803	4.548	ug/L	100
38) Bromodichloromethane	6.53	83	67614	4.943	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	67850	4.535	ug/L	94
40) 4-Methyl-2-pentanone	7.25	43	253843	43.658	ug/L	99
42) Toluene	7.41	91	211649	4.475	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	204232	4.829	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	210221	4.881	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	59487	4.596	ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	34628	4.848	ug/L	97
49) Tetrachloroethene	7.99	164	44105	4.600	ug/L	93
50) 2-Hexanone	8.16	43	182864	44.193	ug/L	99
51) Dibromochloromethane	8.27	129	44002	5.082	ug/L	95
52) 1,2-Dibromoethane	8.38	107	30596	4.517	ug/L #	99
53) Chlorobenzene	8.90	112	138331	4.692	ug/L	99
54) Ethylbenzene	9.03	91	237054	4.696	ug/L	97
55) m,p-xylene	9.16	106	91487	4.620	ug/L	95
56) o-xylene	9.56	106	86705	4.692	ug/L	98
57) Styrene	9.58	104	150800	4.925	ug/L	98
58) Isopropylbenzene	9.95	105	243111	4.781	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	35027	4.741	ug/L	92
62) Bromoform	9.75	173	24431	5.412	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	120209	4.733	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	120216	4.657	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	109017	4.729	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6703	5.257	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	92535	4.534	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	73859	4.397	ug/L	100
70) Naphthalene	13.53	128	104105	4.388	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	65668	4.793	ug/L	99

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

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