

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017634.D
 Acq On : 24 Jul 2020 04:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jul 24 04:34:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165518	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	92927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41995	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.58	69	33467	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.12	63	93526	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.95	46	101778	52.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.40%
24) Chloroform-d	4.38	84	105710	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	57183	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.07	84	190222	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	51472	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	188871	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
45) trans-1,3-Dichloropropene-	7.64	79	24016	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
48) 2-Hexanone-d5	8.11	63	75221	52.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37492	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	73955	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	88552	4.735 ug/L	99
3) Chloromethane	1.25	50	58093	4.775 ug/L	92
5) Vinyl chloride	1.32	62	60437	4.956 ug/L	98
6) Bromomethane	1.53	94	35305	4.505 ug/L	100
8) Chloroethane	1.60	64	36557	5.193 ug/L	98
9) Trichlorofluoromethane	1.77	101	111517	5.113 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48903	4.801 ug/L	94
12) 1,1-Dichloroethene	2.13	96	47229	5.139 ug/L	91
13) Acetone	2.23	43	77847	51.006 ug/L #	54
14) Carbon disulfide	2.31	76	140339	5.023 ug/L	99
15) Methyl Acetate	2.46	43	15445	5.201 ug/L	97
16) Methylene chloride	2.52	84	50173	4.906 ug/L	100
17) Methyl tert-butyl Ether	2.79	73	123615	5.248 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	50813	5.074 ug/L	94
19) 1,1-Dichloroethane	3.21	63	113189	5.375 ug/L	98
21) 2-Butanone	4.03	43	129773	50.355 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	62284	4.939 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	29291	5.040	ug/L	87
25) Chloroform	4.41	83	122758	5.194	ug/L	97
27) 1,2-Dichloroethane	5.16	62	78599	5.128	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	117634	5.080	ug/L	99
30) Cyclohexane	4.70	56	84259	4.592	ug/L	98
31) Carbon tetrachloride	4.85	117	103195	5.010	ug/L	98
33) Benzene	5.12	78	237671	5.073	ug/L	100
34) Trichloroethene	5.94	95	65060	4.971	ug/L	97
35) Methylcyclohexane	6.15	83	89502	4.521	ug/L	98
37) 1,2-Dichloropropane	6.20	63	54845	4.981	ug/L	99
38) Bromodichloromethane	6.53	83	84133	5.194	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	80882	4.870	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	310594	51.448	ug/L	99
42) Toluene	7.41	91	261694	5.120	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	249978	5.238	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	262259	5.379	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	71781	4.814	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	40823	4.889	ug/L	87
49) Tetrachloroethene	7.99	164	56205	4.871	ug/L	96
50) 2-Hexanone	8.16	43	224430	52.539	ug/L	98
51) Dibromochloromethane	8.27	129	56229	5.291	ug/L	96
52) 1,2-Dibromoethane	8.37	107	39666	5.034	ug/L	94
53) Chlorobenzene	8.90	112	175197	5.142	ug/L	98
54) Ethylbenzene	9.03	91	290107	5.070	ug/L	100
55) m,p-xylene	9.16	106	109141	5.064	ug/L	87
56) o-xylene	9.56	106	106007	5.069	ug/L	96
57) Styrene	9.58	104	187081	5.361	ug/L	100
58) Isopropylbenzene	9.95	105	296192	5.134	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	46477	5.108	ug/L	99
62) Bromoform	9.75	173	30788	5.177	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	150383	5.026	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	150263	5.005	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	140573	5.158	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8502	4.989	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	118006	4.855	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	99374	4.888	ug/L	99
70) Naphthalene	13.53	128	139802	4.932	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	88649	4.921	ug/L	97

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

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