

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015950.D
 Acq On : 07 May 2020 19:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: May 08 05:17:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150473	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147480	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39064	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	36991	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	85205	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.92	46	121581	52.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	4.38	84	89509	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	50857	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.08	84	176032	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.09	67	53733	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	166535	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	7.64	79	20420	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
48) 2-Hexanone-d5	8.11	63	93267	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38610	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	60471	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	58992	5.116	ug/L	98
3) Chloromethane	1.25	50	59672	5.112	ug/L	99
5) Vinyl chloride	1.32	62	58238	5.217	ug/L	99
6) Bromomethane	1.53	94	32371	5.110	ug/L	98
8) Chloroethane	1.60	64	36860	4.635	ug/L	93
9) Trichlorofluoromethane	1.77	101	81199	5.303	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44203	5.111	ug/L	98
12) 1,1-Dichloroethene	2.13	96	42173	5.093	ug/L	94
13) Acetone	2.21	43	79526	51.772	ug/L	69
14) Carbon disulfide	2.31	76	137279	5.021	ug/L	99
15) Methyl Acetate	2.46	43	18797	5.295	ug/L	95
16) Methylene chloride	2.52	84	49007	4.946	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	111175	5.167	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	48197	5.267	ug/L	100
19) 1,1-Dichloroethane	3.21	63	91996	5.219	ug/L	98
21) 2-Butanone	4.01	43	128120	54.768	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	50230	5.243	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21023	5.142	ug/L	99
25) Chloroform	4.41	83	98322	5.065	ug/L	100
27) 1,2-Dichloroethane	5.16	62	63416	5.317	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	84196	5.177	ug/L	99
30) Cyclohexane	4.70	56	81883	5.024	ug/L	99
31) Carbon tetrachloride	4.85	117	72181	5.143	ug/L	100
33) Benzene	5.13	78	194905	5.253	ug/L	100
34) Trichloroethene	5.94	95	53985	5.097	ug/L	98
35) Methylcyclohexane	6.16	83	80768	5.042	ug/L	98
37) 1,2-Dichloropropane	6.20	63	47473	5.036	ug/L	99
38) Bromodichloromethane	6.53	83	61343	5.124	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	67765	5.086	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	318395	54.189	ug/L	100
42) Toluene	7.41	91	214296	5.449	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	195506	5.415	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	194496	5.391	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	56256	4.998	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	32682	5.191	ug/L	98
49) Tetrachloroethene	8.00	164	39104	5.292	ug/L	97
50) 2-Hexanone	8.16	43	229966	55.345	ug/L	99
51) Dibromochloromethane	8.27	129	35665	5.042	ug/L	99
52) 1,2-Dibromoethane	8.38	107	30529	5.229	ug/L	96
53) Chlorobenzene	8.90	112	134219	5.306	ug/L	97
54) Ethylbenzene	9.03	91	237954	5.321	ug/L	99
55) m,p-xylene	9.16	106	88007	5.315	ug/L	99
56) o-xylene	9.57	106	84682	5.349	ug/L	95
57) Styrene	9.58	104	143043	5.402	ug/L	98
58) Isopropylbenzene	9.95	105	233711	5.373	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.26	83	37345	5.551	ug/L	99
62) Bromoform	9.75	173	16807	4.885	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	105567	5.232	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	106587	5.258	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	95992	5.257	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6058	5.083	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	77283	5.239	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	63350	4.998	ug/L	99
70) Naphthalene	13.53	128	103528	5.136	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	57353	5.129	ug/L	100

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

