

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV013020\
 Data File : VV014443.D
 Acq On : 30 Jan 2020 18:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Jan 31 07:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 31 07:45:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212143	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	194875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93028	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56434	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	39410	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	84106	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.95	46	112502	45.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.96%
24) Chloroform-d	4.40	84	121476	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	58553	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	274268	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.11	67	81588	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	251682	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.66	79	34295	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	131371	52.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	57724	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	82831	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	88255	5.152	ug/L 100
3) Chloromethane	1.25	50	68293	5.182	ug/L 100
5) Vinyl chloride	1.32	62	67546	5.109	ug/L 96
6) Bromomethane	1.54	94	25316	5.733	ug/L 98
8) Chloroethane	1.60	64	32008	4.852	ug/L 99
9) Trichlorofluoromethane	1.77	101	90176	5.228	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	44779	4.803	ug/L 97
12) 1,1-Dichloroethene	2.14	96	41929	4.919	ug/L 99
13) Acetone	2.20	43	60623	40.104	ug/L 83
14) Carbon disulfide	2.32	76	217456	4.996	ug/L 100
15) Methyl Acetate	2.47	43	26313	6.775	ug/L 91
16) Methylene chloride	2.54	84	81132	4.892	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	160647	5.186	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	77713	5.240	ug/L 96
19) 1,1-Dichloroethane	3.23	63	139693	5.179	ug/L 99
21) 2-Butanone	4.03	43	122205	44.200	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	82631	5.154	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	31365	5.259	ug/L	99
25) Chloroform	4.42	83	147057	5.429	ug/L	99
27) 1,2-Dichloroethane	5.18	62	73369	5.037	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	117942	5.107	ug/L	100
30) Cyclohexane	4.72	56	136704	5.131	ug/L	100
31) Carbon tetrachloride	4.87	117	100897	5.138	ug/L	98
33) Benzene	5.14	78	318744	5.226	ug/L	100
34) Trichloroethene	5.96	95	81152	5.066	ug/L	97
35) Methylcyclohexane	6.17	83	139359	5.057	ug/L	99
37) 1,2-Dichloropropane	6.22	63	75357	5.011	ug/L	100
38) Bromodichloromethane	6.55	83	95376	5.178	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	119595	5.250	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	432365	52.433	ug/L	100
42) Toluene	7.43	91	336424	5.187	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	89426	5.210	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	50692	5.172	ug/L	98
47) Tetrachloroethene	8.02	164	58600	5.091	ug/L	96
48) 2-Hexanone	8.18	43	297997	51.873	ug/L	97
49) Dibromochloromethane	8.29	129	60123	5.157	ug/L	99
50) 1,2-Dibromoethane	8.39	107	47316	5.225	ug/L	98
51) Chlorobenzene	8.92	112	207753	5.162	ug/L	98
52) Ethylbenzene	9.05	91	378190	5.192	ug/L	100
53) m,p-xylene	9.18	106	141504	5.215	ug/L	96
54) o-xylene	9.58	106	137161	5.177	ug/L	96
55) Styrene	9.60	104	229013	5.265	ug/L	100
56) Isopropylbenzene	9.97	105	365856	5.267	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	61193	5.372	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	43886	5.248	ug/L	99
61) Bromoform	9.77	173	28616	5.068	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	158923	5.257	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	158576	5.261	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	142100	5.208	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	9643	4.476	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	115678	5.184	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	98794	5.266	ug/L	99
69) Naphthalene	13.54	128	174751	5.292	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	87417	5.389	ug/L	97

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

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