

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV016003.D
 Acq On : 11 May 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: May 12 01:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	139983	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137545	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32928	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	34028	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	78292	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.93	46	126165	58.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.48%
24) Chloroform-d	4.38	84	87582	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.06	65	51285	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.08	84	170646	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	52701	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	161382	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
45) trans-1,3-Dichloropropene-	7.65	79	19752	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
48) 2-Hexanone-d5	8.11	63	95608	55.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39623	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	60486	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	56785	5.294 ug/L	98
3) Chloromethane	1.25	50	57863	5.328 ug/L	97
5) Vinyl chloride	1.32	62	57004	5.489 ug/L	100
6) Bromomethane	1.53	94	29549	5.014 ug/L	97
8) Chloroethane	1.60	64	35634	4.816 ug/L	99
9) Trichlorofluoromethane	1.77	101	78871	5.537 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43335	5.386 ug/L	98
12) 1,1-Dichloroethene	2.14	96	41786	5.424 ug/L	86
13) Acetone	2.21	43	77770	54.423 ug/L	68
14) Carbon disulfide	2.31	76	136480	5.366 ug/L	99
15) Methyl Acetate	2.46	43	19635	5.946 ug/L	94
16) Methylene chloride	2.53	84	49076	5.324 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	109113	5.451 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	48122	5.653 ug/L	98
19) 1,1-Dichloroethane	3.22	63	93161	5.681 ug/L	98
21) 2-Butanone	4.02	43	128209	58.913 ug/L	100
22) cis-1,2-Dichloroethene	3.95	96	50177	5.630 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21023	5.527	ug/L	92
25) Chloroform	4.41	83	99859	5.530	ug/L	99
27) 1,2-Dichloroethane	5.16	62	61361	5.530	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	84161	5.549	ug/L	99
30) Cyclohexane	4.71	56	82538	5.430	ug/L	99
31) Carbon tetrachloride	4.86	117	71641	5.473	ug/L	99
33) Benzene	5.13	78	197068	5.695	ug/L	100
34) Trichloroethene	5.94	95	52890	5.355	ug/L	93
35) Methylcyclohexane	6.16	83	80243	5.371	ug/L	99
37) 1,2-Dichloropropane	6.20	63	49413	5.620	ug/L	98
38) Bromodichloromethane	6.54	83	61761	5.532	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	65678	5.285	ug/L	93
40) 4-Methyl-2-pentanone	7.25	43	310410	56.646	ug/L	100
42) Toluene	7.41	91	208242	5.677	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	192129	5.706	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	189647	5.636	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	55216	5.260	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	32658	5.562	ug/L	99
49) Tetrachloroethene	8.00	164	38584	5.598	ug/L	96
50) 2-Hexanone	8.16	43	226907	58.553	ug/L	99
51) Dibromochloromethane	8.27	129	35967	5.452	ug/L	99
52) 1,2-Dibromoethane	8.38	107	30755	5.648	ug/L	98
53) Chlorobenzene	8.90	112	132772	5.628	ug/L	98
54) Ethylbenzene	9.04	91	234840	5.630	ug/L	100
55) m,p-xylene	9.16	106	87392	5.659	ug/L	98
56) o-xylene	9.57	106	83572	5.660	ug/L	99
57) Styrene	9.58	104	143384	5.806	ug/L	99
58) Isopropylbenzene	9.95	105	228897	5.643	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	36821	5.869	ug/L	99
62) Bromoform	9.75	173	16095	5.010	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	105210	5.584	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	104644	5.528	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	96909	5.683	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6297	5.658	ug/L	90
68) 1,3,5-Trichlorobenzene	12.67	180	74492	5.407	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	62518	5.282	ug/L	99
70) Naphthalene	13.53	128	100841	5.356	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	55780	5.342	ug/L	99

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

