

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017939.D
 Acq On : 12 Aug 2020 20:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Aug 13 04:40:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263656	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93078	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.58	69	78689	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.12	63	184325	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
21) 2-Butanone-d5	3.92	46	130132	98.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.77%
24) Chloroform-d	4.38	84	179120	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.06	65	117296	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.08	84	345693	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.10	67	110743	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.34	98	317401	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
43) trans-1,3-Dichloropropene-	7.64	79	50960	49.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.02%
47) 2-Hexanone-d5	8.11	63	73473	99.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145700	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	125041	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97179	47.742	ug/L 100
3) Chloromethane	1.25	50	117217	49.573	ug/L 99
5) Vinyl chloride	1.32	62	115831	49.442	ug/L 98
6) Bromomethane	1.53	94	70455	50.318	ug/L 100
8) Chloroethane	1.60	64	75513	50.501	ug/L 100
9) Trichlorofluoromethane	1.76	101	161993	48.407	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89449	47.871	ug/L 99
12) 1,1-Dichloroethene	2.13	96	87923	49.714	ug/L 97
13) Acetone	2.20	43	102072	75.004	ug/L 99
14) Carbon disulfide	2.31	76	243699	50.064	ug/L 99
15) Methyl Acetate	2.45	43	112042	51.017	ug/L 100
16) Methylene chloride	2.52	84	102807	45.628	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	90445	49.750	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	302607	50.330	ug/L 100
19) 1,1-Dichloroethane	3.21	63	184504	50.472	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	100734	50.422	ug/L 98
22) 2-Butanone	4.00	43	153069	100.262	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	52479	50.283	ug/L	97
25) Chloroform	4.40	83	187347	50.247	ug/L	99
27) 1,2-Dichloroethane	5.16	62	150077	50.569	ug/L	99
29) Cyclohexane	4.70	56	153115	49.856	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	157794	50.603	ug/L	99
31) Carbon tetrachloride	4.86	117	132880	51.189	ug/L	100
33) Benzene	5.13	78	401445	50.993	ug/L	100
34) Trichloroethene	5.94	95	104459	50.198	ug/L	98
35) Methylcyclohexane	6.16	83	147620	47.707	ug/L	100
37) 1,2-Dichloropropane	6.20	63	108638	50.601	ug/L	100
38) Bromodichloromethane	6.53	83	135812	50.928	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	152540	50.119	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	294996	105.107	ug/L	100
42) Toluene	7.41	91	424266	51.646	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	148509	51.427	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	101460	51.030	ug/L	98
46) Tetrachloroethene	8.00	164	76400	50.060	ug/L	99
48) 2-Hexanone	8.16	43	232602	102.775	ug/L	99
49) Dibromochloromethane	8.27	129	101566	52.335	ug/L	100
50) 1,2-Dibromoethane	8.37	107	103934	50.525	ug/L	98
51) Chlorobenzene	8.90	112	268711	50.859	ug/L	99
52) Ethylbenzene	9.03	91	457892	51.120	ug/L	99
53) m,p-Xylene	9.16	106	172442	52.343	ug/L	100
54) o-xylene	9.57	106	167971	51.594	ug/L	98
55) Styrene	9.58	104	298870	53.606	ug/L	99
56) Isopropylbenzene	9.95	105	442129	51.478	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	153215	49.486	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	134876	50.868	ug/L	100
61) Bromoform	9.75	173	66231	52.453	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	211515	49.844	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	218804	50.192	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	216761	49.628	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33159	51.526	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	155845	48.345	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	144492	50.982	ug/L	100
69) Naphthalene	13.52	128	432923	55.420	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	152699	52.980	ug/L	99

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

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