

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112320\
 Data File : VV019423.D
 Acq On : 23 Nov 2020 15:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Nov 24 05:22:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 14:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379803	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	188144	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.20%
7) Chloroethane-d5	1.57	69	153579	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.50%
11) 1,1-Dichloroethene-d2	2.12	63	337516	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.98%
21) 2-Butanone-d5	3.90	46	246206	106.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.49%
24) Chloroform-d	4.37	84	312998	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.05	65	204965	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.07	84	598229	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.09	67	197736	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.33	98	545826	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%
43) trans-1,3-Dichloropropene-	7.64	79	97355	54.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.06%
47) 2-Hexanone-d5	8.10	63	171026	116.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.35%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	253690	52.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.06%
64) 1,2-Dichlorobenzene-d4	11.64	152	212443	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	148663	48.426	ug/L 99
3) Chloromethane	1.25	50	203862	49.380	ug/L 100
5) Vinyl chloride	1.32	62	196772	49.883	ug/L 99
6) Bromomethane	1.52	94	127141	49.439	ug/L 98
8) Chloroethane	1.59	64	125401	49.951	ug/L 99
9) Trichlorofluoromethane	1.76	101	244449	49.356	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	128992	48.431	ug/L 99
12) 1,1-Dichloroethene	2.13	96	137084	49.437	ug/L 97
13) Acetone	2.17	43	165443	93.588	ug/L 98
14) Carbon disulfide	2.31	76	406468	50.503	ug/L 100
15) Methyl Acetate	2.44	43	184045	51.419	ug/L 100
16) Methylene chloride	2.52	84	158138	49.236	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	140968	51.400	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	467973	53.661	ug/L 100
19) 1,1-Dichloroethane	3.21	63	284205	50.520	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	158099	52.458	ug/L 98
22) 2-Butanone	3.98	43	249896	106.590	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	80645	50.524	uq/L	98
25) Chloroform	4.40	83	288299	50.697	uq/L	99
27) 1,2-Dichloroethane	5.15	62	232415	52.088	uq/L	99
29) Cyclohexane	4.70	56	216126	54.440	uq/L	99
30) 1,1,1-Trichloroethane	4.63	97	239935	52.376	uq/L	99
31) Carbon tetrachloride	4.85	117	201133	51.143	uq/L	99
33) Benzene	5.12	78	609380	53.692	uq/L	100
34) Trichloroethene	5.94	95	161646	51.072	uq/L	98
35) Methylcyclohexane	6.15	83	195928	52.607	uq/L	98
37) 1,2-Dichloropropane	6.20	63	166855	53.300	uq/L	99
38) Bromodichloromethane	6.53	83	216714	52.215	uq/L	98
39) cis-1,3-Dichloropropene	7.05	75	251702	54.433	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	492219	111.508	uq/L	99
42) Toluene	7.41	91	634674	53.907	uq/L	99
44) trans-1,3-Dichloropropene	7.67	75	251437	54.589	uq/L	98
45) 1,1,2-Trichloroethane	7.86	97	156460	53.374	uq/L	97
46) Tetrachloroethene	7.99	164	113146	51.473	uq/L	98
48) 2-Hexanone	8.15	43	388316	111.070	uq/L	99
49) Dibromochloromethane	8.26	129	167479	51.695	uq/L	98
50) 1,2-Dibromoethane	8.37	107	164211	52.784	uq/L	100
51) Chlorobenzene	8.90	112	397793	51.215	uq/L	99
52) Ethylbenzene	9.03	91	674621	53.394	uq/L	99
53) m,p-Xylene	9.16	106	250512	53.587	uq/L	98
54) o-xylene	9.56	106	247463	54.365	uq/L	99
55) Styrene	9.58	104	450193	55.250	uq/L	98
56) Isopropylbenzene	9.95	105	638621	53.551	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	236434	52.768	uq/L	99
59) 1,2,3-Trichloropropane	10.29	75	214738	52.221	uq/L	99
61) Bromoform	9.75	173	125765	52.875	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	320531	52.958	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	329573	51.807	uq/L	99
65) 1,2-Dichlorobenzene	11.66	146	324040	52.147	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	59898	55.705	uq/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	239375	54.331	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	218415	55.993	uq/L	98
69) Naphthalene	13.52	128	605704	61.064	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	237459	58.239	uq/L	99

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

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