

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019458.D
 Acq On : 03 Dec 2020 15:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Dec 04 07:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 05:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380715	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	375403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180585	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.57	69	145124	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.78%
11) 1,1-Dichloroethene-d2	2.12	63	348828	51.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.08%
21) 2-Butanone-d5	3.89	46	206998	89.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.32%
24) Chloroform-d	4.37	84	320108	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.05	65	212779	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
32) Benzene-d6	5.07	84	626079	56.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.82%
36) 1,2-Dichloropropane-d6	6.09	67	205267	55.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.16%
41) Toluene-d8	7.33	98	561501	56.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.94%
43) trans-1,3-Dichloropropene-	7.64	79	102691	57.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.14%
47) 2-Hexanone-d5	8.10	63	132558	91.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	250008	52.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.64	152	204847	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	129493	42.081	ug/L 99
3) Chloromethane	1.25	50	154741	37.392	ug/L 97
5) Vinyl chloride	1.32	62	161510	40.846	ug/L 100
6) Bromomethane	1.52	94	113712	44.111	ug/L 98
8) Chloroethane	1.59	64	106838	42.454	ug/L 100
9) Trichlorofluoromethane	1.76	101	225712	45.463	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	131998	49.441	ug/L 96
12) 1,1-Dichloroethene	2.13	96	125315	45.085	ug/L 79
13) Acetone	2.17	43	211991	119.632	ug/L 96
14) Carbon disulfide	2.31	76	383326	47.513	ug/L 99
15) Methyl Acetate	2.44	43	182222	50.788	ug/L 96
16) Methylene chloride	2.52	84	151177	46.956	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	137385	49.974	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	452255	51.734	ug/L 97
19) 1,1-Dichloroethane	3.21	63	286568	50.818	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	147705	48.891	ug/L 94
22) 2-Butanone	3.97	43	271894	115.695	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	74075	46.297	ug/L	90
25) Chloroform	4.40	83	279327	49.002	ug/L	98
27) 1,2-Dichloroethane	5.15	62	230568	51.550	ug/L	97
29) Cyclohexane	4.70	56	242065	61.598	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	239084	52.725	ug/L	98
31) Carbon tetrachloride	4.85	117	203567	52.292	ug/L	99
33) Benzene	5.12	78	596834	53.125	ug/L	100
34) Trichloroethene	5.93	95	160768	51.315	ug/L	96
35) Methylcyclohexane	6.15	83	225997	61.302	ug/L	99
37) 1,2-Dichloropropane	6.19	63	168582	54.404	ug/L	99
38) Bromodichloromethane	6.53	83	211575	51.499	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	255793	55.884	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	488127	111.713	ug/L	99
42) Toluene	7.41	91	620123	53.211	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	251334	55.126	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	148610	51.215	ug/L	99
46) Tetrachloroethene	7.99	164	107706	49.500	ug/L	93
48) 2-Hexanone	8.15	43	393255	113.634	ug/L	98
49) Dibromochloromethane	8.26	129	154528	48.186	ug/L	99
50) 1,2-Dibromoethane	8.37	107	151654	49.247	ug/L	99
51) Chlorobenzene	8.90	112	388044	50.472	ug/L	99
52) Ethylbenzene	9.03	91	686599	54.898	ug/L	98
53) m,p-Xylene	9.16	106	249554	53.929	ug/L	97
54) o-xylene	9.56	106	236916	52.581	ug/L	97
55) Styrene	9.58	104	435358	53.976	ug/L	100
56) Isopropylbenzene	9.95	105	649518	55.022	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	224836	50.693	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	199603	49.037	ug/L	98
61) Bromoform	9.75	173	109669	46.649	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	304055	50.825	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	312575	49.711	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	301753	49.130	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	52646	49.535	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	229116	52.612	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	204773	53.111	ug/L	99
69) Naphthalene	13.52	128	527463	53.801	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	210244	52.170	ug/L	99

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

