

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019456.D
 Acq On : 02 Dec 2020 19:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Dec 03 05:52:40 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	364707	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364495	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123846	34.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.00%
7) Chloroethane-d5	1.58	69	118595	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.12	63	280122	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
21) 2-Butanone-d5	3.90	46	247669	111.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.56%
24) Chloroform-d	4.37	84	279509	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.05	65	185187	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.07	84	504398	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.09	67	176277	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.33	98	449852	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.64	79	83578	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.52%
47) 2-Hexanone-d5	8.10	63	160000	113.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.25%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	239440	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.64	152	174789	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	126900	43.048	ug/L 99
3) Chloromethane	1.25	50	169389	42.728	ug/L 98
5) Vinyl chloride	1.32	62	171196	45.196	ug/L 99
6) Bromomethane	1.53	94	133056	53.881	ug/L 100
8) Chloroethane	1.59	64	119420	49.537	ug/L 98
9) Trichlorofluoromethane	1.76	101	233423	49.080	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	122283	47.813	ug/L 97
12) 1,1-Dichloroethene	2.13	96	130612	49.053	ug/L 94
13) Acetone	2.18	43	168623	99.335	ug/L 97
14) Carbon disulfide	2.31	76	375813	48.627	ug/L 100
15) Methyl Acetate	2.44	43	195574	56.902	ug/L 97
16) Methylene chloride	2.52	84	156681	50.802	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	132074	50.151	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	447427	53.429	ug/L 98
19) 1,1-Dichloroethane	3.21	63	288728	53.449	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	147106	50.830	ug/L 94
22) 2-Butanone	3.98	43	255787	113.619	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	76065	49.628	uq/L	92
25) Chloroform	4.40	83	286733	52.509	uq/L	98
27) 1,2-Dichloroethane	5.15	62	237217	55.365	uq/L	97
29) Cyclohexane	4.70	56	200384	52.518	uq/L	97
30) 1,1,1-Trichloroethane	4.63	97	236432	53.700	uq/L	98
31) Carbon tetrachloride	4.85	117	197442	52.237	uq/L	100
33) Benzene	5.12	78	593296	54.391	uq/L	100
34) Trichloroethene	5.94	95	155668	51.174	uq/L	97
35) Methylcyclohexane	6.15	83	185190	51.736	uq/L	98
37) 1,2-Dichloropropane	6.20	63	170423	56.644	uq/L	99
38) Bromodichloromethane	6.53	83	216244	54.211	uq/L	99
39) cis-1,3-Dichloropropene	7.05	75	244323	54.975	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	515137	121.423	uq/L	99
42) Toluene	7.41	91	613054	54.178	uq/L	100
44) trans-1,3-Dichloropropene	7.67	75	244658	55.268	uq/L	98
45) 1,1,2-Trichloroethane	7.86	97	153110	54.345	uq/L	100
46) Tetrachloroethene	7.99	164	102556	48.544	uq/L	97
48) 2-Hexanone	8.15	43	412959	122.899	uq/L	97
49) Dibromochloromethane	8.26	129	160102	51.418	uq/L	97
50) 1,2-Dibromoethane	8.37	107	158062	52.864	uq/L	98
51) Chlorobenzene	8.90	112	376091	50.381	uq/L	99
52) Ethylbenzene	9.03	91	635986	52.373	uq/L	99
53) m,p-Xylene	9.16	106	234024	52.086	uq/L	99
54) o-xylene	9.56	106	229178	52.386	uq/L	98
55) Styrene	9.58	104	427243	54.555	uq/L	100
56) Isopropylbenzene	9.95	105	591182	51.579	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	234622	54.483	uq/L	99
59) 1,2,3-Trichloropropane	10.29	75	213198	53.945	uq/L	99
61) Bromoform	9.75	173	116911	51.568	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	288865	50.071	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	298657	49.253	uq/L	99
65) 1,2-Dichlorobenzene	11.66	146	297721	50.265	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	57984	56.574	uq/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	204929	48.798	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	187118	50.326	uq/L	99
69) Naphthalene	13.52	128	497003	52.567	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	199003	51.206	uq/L	99

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

