

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019226.D
 Acq On : 03 Nov 2020 03:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Nov 03 05:32:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 05:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219094	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208119	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	111525	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86325	51.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.10%
7) Chloroethane-d5	1.58	69	74184	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.98%
11) 1,1-Dichloroethene-d2	2.13	63	164076	52.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.82%
21) 2-Butanone-d5	3.91	46	116573	125.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.03%
24) Chloroform-d	4.38	84	171073	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
26) 1,2-Dichloroethane-d4	5.06	65	122922	55.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.50%
32) Benzene-d6	5.07	84	310999	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
36) 1,2-Dichloropropane-d6	6.09	67	95754	55.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.62%
41) Toluene-d8	7.33	98	276922	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%
43) trans-1,3-Dichloropropene-	7.64	79	53214	54.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.56%
47) 2-Hexanone-d5	8.11	63	82061	123.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.20%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	130824	57.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.44%
66) 1,2-Dichlorobenzene-d4	11.65	152	116400	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	66486	49.533	ug/L 100
3) Chloromethane	1.25	50	80784	57.800	ug/L 99
5) Vinyl chloride	1.32	62	79406	54.581	ug/L 99
6) Bromomethane	1.53	94	60275	61.647	ug/L 99
8) Chloroethane	1.60	64	58130	61.094	ug/L 100
9) Trichlorofluoromethane	1.77	101	123556	51.301	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56823	49.654	ug/L 99
12) 1,1-Dichloroethene	2.14	96	64412	54.459	ug/L 97
13) Acetone	2.19	43	83284	117.465	ug/L 99
14) Carbon disulfide	2.31	76	177290	52.200	ug/L 100
15) Methyl Acetate	2.45	43	84780	61.713	ug/L 99
16) Methylene chloride	2.52	84	83249	59.209	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	69137	53.882	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	273041	60.537	ug/L 99
19) 1,1-Dichloroethane	3.21	63	145622	57.924	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	81187	57.255	ug/L 91
22) 2-Butanone	3.99	43	111846	124.274	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	44494	56.989	ug/L	98
25) Chloroform	4.40	83	152864	56.715	ug/L	99
27) 1,2-Dichloroethane	5.15	62	135530	59.155	ug/L	99
29) Cyclohexane	4.70	56	85953	48.260	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	129106	53.489	ug/L	99
31) Carbon tetrachloride	4.86	117	105589	50.664	ug/L	98
33) Benzene	5.13	78	298257	57.666	ug/L	100
34) Trichloroethene	5.94	95	74882	53.275	ug/L	99
35) Methylcyclohexane	6.15	83	81235	47.749	ug/L	99
37) 1,2-Dichloropropane	6.20	63	78626	56.961	ug/L	99
38) Bromodichloromethane	6.53	83	116568	58.680	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	125497	56.820	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	231991	125.106	ug/L	99
42) Toluene	7.41	91	306953	54.905	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	132198	58.409	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	80387	58.920	ug/L	98
46) Tetrachloroethene	8.00	164	56047	48.870	ug/L	97
48) 2-Hexanone	8.15	43	175180	124.955	ug/L	99
49) Dibromochloromethane	8.27	129	97024	59.630	ug/L	97
50) 1,2-Dibromoethane	8.37	107	85000	60.106	ug/L	99
51) Chlorobenzene	8.90	112	201136	53.785	ug/L	99
52) Ethylbenzene	9.03	91	321636	52.146	ug/L	99
53) m,p-Xylene	9.16	106	121684	52.695	ug/L	96
54) o-Xylene	9.56	106	122616	53.870	ug/L	97
55) Styrene	9.58	104	221851	54.756	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	123335	59.753	ug/L	99
59) Bromoform	9.75	173	75296	60.832	ug/L	99
60) Isopropylbenzene	9.95	105	306799	52.488	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	104417	60.265	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	262788	53.979	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	261405	54.875	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	163767	53.564	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	167474	52.946	ug/L	98
67) 1,2-Dichlorobenzene	11.67	146	168904	53.999	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	30603	60.544	ug/L	99
69) 1,3,5-Trichlorobenzene	12.67	180	115232	52.511	ug/L	97
70) 1,2,4-trichlorobenzene	13.28	180	111225	53.866	ug/L	100
71) Naphthalene	13.52	128	360592	61.921	ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	115350	56.354	ug/L	100

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

