

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016448.D
 Acq On : 02 Jun 2020 23:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Jun 03 02:27:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137370	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.58	69	96135	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.78%
11) 1,1-Dichloroethene-d2	2.13	63	246002	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
21) 2-Butanone-d5	3.91	46	187769	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.38	84	243645	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.06	65	172389	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.08	84	508988	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.09	67	157056	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.34	98	466463	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%
43) trans-1,3-Dichloropropene-	7.64	79	75527	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.80%
47) 2-Hexanone-d5	8.11	63	137151	104.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	213496	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	181198	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	156415	49.298	ug/L 99
3) Chloromethane	1.25	50	155296	50.799	ug/L 99
5) Vinyl chloride	1.32	62	151749	51.375	ug/L 97
6) Bromomethane	1.53	94	78028	50.779	ug/L 99
8) Chloroethane	1.60	64	82421	49.791	ug/L 96
9) Trichlorofluoromethane	1.77	101	219482	51.455	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113608	51.208	ug/L 98
12) 1,1-Dichloroethene	2.14	96	109328	51.208	ug/L 96
13) Acetone	2.19	43	126331	77.612	ug/L 99
14) Carbon disulfide	2.31	76	377024	51.008	ug/L 99
15) Methyl Acetate	2.45	43	153647	51.357	ug/L 99
16) Methylene chloride	2.53	84	146601	48.707	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	139989	51.967	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	436424	52.332	ug/L 99
19) 1,1-Dichloroethane	3.22	63	256361	51.458	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	151770	52.206	ug/L 97
22) 2-Butanone	4.00	43	205677	101.828	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	77878	52.059	ug/L	96
25) Chloroform	4.41	83	284582	54.500	ug/L	98
27) 1,2-Dichloroethane	5.16	62	218938	51.601	ug/L	100
29) Cyclohexane	4.71	56	227461	52.025	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	231204	51.499	ug/L	99
31) Carbon tetrachloride	4.86	117	200741	51.991	ug/L	99
33) Benzene	5.13	78	569217	52.540	ug/L	100
34) Trichloroethene	5.94	95	158747	55.842	ug/L	97
35) Methylcyclohexane	6.16	83	209053	51.232	ug/L	99
37) 1,2-Dichloropropane	6.20	63	146287	51.804	ug/L	99
38) Bromodichloromethane	6.53	83	192013	52.921	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	216476	52.576	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	419913	108.070	ug/L	99
42) Toluene	7.41	91	603868	52.601	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	214839	53.182	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	140115	51.314	ug/L	99
46) Tetrachloroethene	8.00	164	113710	51.878	ug/L	99
48) 2-Hexanone	8.16	43	319823	105.875	ug/L	99
49) Dibromochloromethane	8.27	129	144202	54.322	ug/L	97
50) 1,2-Dibromoethane	8.37	107	150041	51.946	ug/L	98
51) Chlorobenzene	8.90	112	387032	51.295	ug/L	99
52) Ethylbenzene	9.03	91	661428	52.936	ug/L	99
53) m,p-Xylene	9.16	106	248599	52.765	ug/L	99
54) o-xylene	9.57	106	240599	52.729	ug/L	98
55) Styrene	9.58	104	430978	53.915	ug/L	99
56) Isopropylbenzene	9.95	105	619260	52.249	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	225665	51.520	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	180960	51.354	ug/L	96
61) Bromoform	9.75	173	88321	56.159	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	296777	50.998	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	307809	50.978	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	294631	50.300	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	46604	52.428	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	192325	49.123	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	181507	50.077	ug/L	98
69) Naphthalene	13.52	128	579476	52.087	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	172088	49.945	ug/L	98

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

