

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016946.D
 Acq On : 15 Jun 2020 19:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Jun 16 05:52:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356596	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99913	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.57	69	70145	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.92%
11) 1,1-Dichloroethene-d2	2.12	63	191055	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
21) 2-Butanone-d5	3.90	46	170068	91.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.32%
24) Chloroform-d	4.37	84	240306	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.05	65	165273	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	5.07	84	448595	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
36) 1,2-Dichloropropane-d6	6.09	67	138719	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.72%
41) Toluene-d8	7.34	98	425521	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%
43) trans-1,3-Dichloropropene-	7.64	79	75331	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
47) 2-Hexanone-d5	8.11	63	112407	84.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182181	45.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	179793	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	135309	47.861	ug/L	98
3) Chloromethane	1.25	50	118134	45.692	ug/L	98
5) Vinyl chloride	1.32	62	117520	46.223	ug/L	99
6) Bromomethane	1.52	94	47782	45.124	ug/L	99
8) Chloroethane	1.59	64	64526	51.379	ug/L	98
9) Trichlorofluoromethane	1.76	101	192459	50.584	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95264	50.247	ug/L	99
12) 1,1-Dichloroethene	2.13	96	86141	48.671	ug/L	93
13) Acetone	2.17	43	112334	91.548	ug/L	98
14) Carbon disulfide	2.31	76	284960	44.469	ug/L	99
15) Methyl Acetate	2.44	43	129170	47.230	ug/L	99
16) Methylene chloride	2.52	84	121903	46.938	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	115958	48.052	ug/L	95
18) Methyl tert-butyl Ether	2.78	73	400834	50.130	ug/L	99
19) 1,1-Dichloroethane	3.21	63	219221	48.262	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	127578	48.494	ug/L	99
22) 2-Butanone	3.98	43	176468	93.260	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	67717	48.863	ug/L	98
25) Chloroform	4.40	83	236951	50.759	ug/L	96
27) 1,2-Dichloroethane	5.15	62	197066	50.358	ug/L	98
29) Cyclohexane	4.70	56	194487	45.985	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	217998	50.225	ug/L	99
31) Carbon tetrachloride	4.85	117	187557	49.950	ug/L	98
33) Benzene	5.13	78	480666	47.733	ug/L	100
34) Trichloroethene	5.94	95	135443	50.151	ug/L	99
35) Methylcyclohexane	6.15	83	202897	47.889	ug/L	98
37) 1,2-Dichloropropane	6.20	63	125118	47.778	ug/L	99
38) Bromodichloromethane	6.53	83	175601	50.372	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	193552	47.581	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	367041	98.910	ug/L	100
42) Toluene	7.41	91	518462	48.840	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	197465	49.931	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	123608	48.924	ug/L	98
46) Tetrachloroethene	8.00	164	105616	49.724	ug/L	98
48) 2-Hexanone	8.16	43	275170	95.636	ug/L	99
49) Dibromochloromethane	8.27	129	135317	50.092	ug/L	99
50) 1,2-Dibromoethane	8.37	107	130105	49.175	ug/L	97
51) Chlorobenzene	8.90	112	337836	48.779	ug/L	99
52) Ethylbenzene	9.03	91	587076	49.929	ug/L	98
53) m,p-Xylene	9.16	106	221752	50.652	ug/L	100
54) o-xylene	9.56	106	217994	50.488	ug/L	97
55) Styrene	9.58	104	374147	51.253	ug/L	99
56) Isopropylbenzene	9.95	105	595605	51.338	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	178659	46.121	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	158728	48.852	ug/L	99
61) Bromoform	9.75	173	91067	49.555	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	279380	49.371	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	280126	48.653	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	279163	49.227	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41564	46.612	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	213247	50.536	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	201259	51.999	ug/L	99
69) Naphthalene	13.52	128	577390	51.861	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	200692	52.993	ug/L	98

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

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