

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018718.D
 Acq On : 07 Oct 2020 03:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Oct 07 07:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85608	53.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.58%
7) Chloroethane-d5	1.57	69	66036	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.12	63	177415	54.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.44%
21) 2-Butanone-d5	3.90	46	115337	97.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	4.37	84	173089	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.05	65	114760	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
32) Benzene-d6	5.07	84	321280	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.09	67	107596	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.34	98	307762	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.64	79	50908	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.11	63	77815	100.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135870	50.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	134728	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	76510	41.469	ug/L	97
3) Chloromethane	1.24	50	83581	42.337	ug/L	100
5) Vinyl chloride	1.32	62	106010	51.074	ug/L	100
6) Bromomethane	1.53	94	56889	40.271	ug/L	96
8) Chloroethane	1.59	64	61391	47.997	ug/L	96
9) Trichlorofluoromethane	1.76	101	168016	53.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86992	49.270	ug/L	95
12) 1,1-Dichloroethene	2.13	96	86053	50.802	ug/L	98
13) Acetone	2.18	43	106167	103.521	ug/L	99
14) Carbon disulfide	2.31	76	278977	50.842	ug/L	100
15) Methyl Acetate	2.44	43	119005	60.232	ug/L	95
16) Methylene chloride	2.52	84	106980	52.621	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	88407	45.612	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	283297	47.972	ug/L	97
19) 1,1-Dichloroethane	3.21	63	163360	48.136	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	99521	48.314	ug/L	98
22) 2-Butanone	3.99	43	124838	96.360	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	51290	45.281	ug/L	98
25) Chloroform	4.40	83	175408	48.950	ug/L	99
27) 1,2-Dichloroethane	5.15	62	149677	53.589	ug/L	98
29) Cyclohexane	4.70	56	131684	43.459	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	159365	48.318	ug/L	98
31) Carbon tetrachloride	4.85	117	140687	47.528	ug/L	99
33) Benzene	5.12	78	366934	47.012	ug/L	100
34) Trichloroethene	5.94	95	114035	50.325	ug/L	97
35) Methylcyclohexane	6.15	83	128444	42.020	ug/L	97
37) 1,2-Dichloropropane	6.20	63	98690	49.283	ug/L	100
38) Bromodichloromethane	6.53	83	135091	50.373	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	144419	45.967	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	270302	104.608	ug/L	99
42) Toluene	7.41	91	406363	48.127	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	149985	48.597	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	96680	48.770	ug/L	99
46) Tetrachloroethene	8.00	164	80019	43.528	ug/L	95
48) 2-Hexanone	8.16	43	215054	106.668	ug/L	96
49) Dibromochloromethane	8.27	129	109554	48.318	ug/L	99
50) 1,2-Dibromoethane	8.37	107	103368	49.043	ug/L	97
51) Chlorobenzene	8.90	112	265334	46.451	ug/L	97
52) Ethylbenzene	9.03	91	437089	46.353	ug/L	100
53) m,p-Xylene	9.16	106	166605	45.719	ug/L	99
54) o-xylene	9.56	106	161776	46.890	ug/L	97
55) Styrene	9.58	104	292753	48.732	ug/L	95
56) Isopropylbenzene	9.95	105	420550	45.450	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	137992	49.385	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	124711	51.200	ug/L	100
61) Bromoform	9.75	173	72511	42.502	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	227792	47.390	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	232558	46.984	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	230958	48.569	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	36357	56.006	ug/L	87
67) 1,3,5-Trichlorobenzene	12.67	180	144983	43.543	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	134160	43.301	ug/L	98
69) Naphthalene	13.52	128	475429	53.605	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	143077	46.001	ug/L	97

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

