

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\
 Data File : VW015988.D
 Acq On : 29 Jul 2020 11:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02517

Quant Time: Jul 30 03:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395275	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184280	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119643	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
7) Chloroethane-d5	2.89	69	114217	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
10) 1,1-Dichloroethene-d2	4.01	63	279612	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.60%
20) 2-Butanone-d5	7.08	46	96728	60.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.60%
24) Chloroform-d	7.65	84	295437	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	156408	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
29) Benzene-d6	8.27	84	587637	24.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.68%
33) 1,2-Dichloropropane-d6	9.27	67	178219	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.84%
37) Toluene-d8	10.32	98	511203	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	71640	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.93	63	73469	61.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150842	27.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	180342	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	87224	23.817	ug/L 98
3) Chloromethane	2.22	50	106983	24.153	ug/L 99
5) Vinyl chloride	2.37	62	155826	22.810	ug/L 98
6) Bromomethane	2.79	94	92054	22.587	ug/L 100
8) Chloroethane	2.93	64	95932	23.971	ug/L 99
9) Trichlorofluoromethane	3.27	101	128183	27.914	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	139871	24.918	ug/L 98
12) 1,1-Dichloroethene	4.04	96	136682	24.567	ug/L 96
13) Acetone	4.12	43	80245	59.564	ug/L 95
14) Carbon disulfide	4.38	76	405819	23.096	ug/L 100
15) Methyl Acetate	4.68	43	65597	25.824	ug/L 99
16) Methylene chloride	4.92	84	155197	21.884	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	204961	26.052	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	142149	24.195	ug/L 96
19) 1,1-Dichloroethane	6.22	63	261752	24.177	ug/L 99
21) 2-Butanone	7.17	43	90845	54.531	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	151631	24.669	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	66110	24.527	ug/L	97
25) Chloroform	7.68	83	260009	24.232	ug/L	99
27) 1,2-Dichloroethane	8.40	62	162227	22.219	ug/L	97
30) Cyclohexane	7.96	56	241324	24.213	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	219359	23.767	ug/L	99
32) Carbon tetrachloride	8.07	117	197865	23.641	ug/L	100
34) Benzene	8.32	78	587308	24.464	ug/L	100
35) Trichloroethene	9.09	95	150420	23.685	ug/L	97
36) Methylcyclohexane	9.34	83	269097	24.694	ug/L	99
40) 1,2-Dichloropropane	9.37	63	144704	24.331	ug/L	100
41) Bromodichloromethane	9.65	83	181203	23.592	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	221885	24.496	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	179786	51.790	ug/L	99
44) Toluene	10.39	91	622544	24.724	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	191116	24.342	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	105298	24.621	ug/L	99
47) Tetrachloroethene	10.87	164	122203	24.790	ug/L	95
49) 2-Hexanone	10.97	43	133887	54.349	ug/L	96
50) Dibromochloromethane	11.13	129	119055	24.045	ug/L	94
51) 1,2-Dibromoethane	11.24	107	99113	24.225	ug/L	96
52) Chlorobenzene	11.66	112	387168	23.996	ug/L	98
53) Ethylbenzene	11.73	91	694776	24.538	ug/L	95
54) m,p-Xylene	11.84	106	265209	25.036	ug/L	95
55) o-xylene	12.17	106	246459	24.708	ug/L	95
56) Styrene	12.18	104	433210	25.539	ug/L	96
57) Isopropylbenzene	12.46	105	683297	25.165	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	129044	25.696	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	95468	25.372	ug/L	100
62) Bromoform	12.35	173	68575	25.296	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	293574	24.891	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	291551	24.357	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	262457	24.499	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.49	75	20568	25.508	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	208779	25.175	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	163956	24.891	ug/L	98
69) Naphthalene	15.37	128	327296	26.374	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	148195	25.250	ug/L	97

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

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