

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017585.D
 Acq On : 07 Dec 2020 17:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02531

Quant Time: Dec 20 03:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	375064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185614	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107073	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
7) Chloroethane-d5	2.89	69	92220	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.03	63	247414	22.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.08%
20) 2-Butanone-d5	7.08	46	63210	60.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.50%
24) Chloroform-d	7.65	84	265981	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.31	65	135760	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.28	84	485968	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	141286	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	443276	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.58	79	62484	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	43394	60.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119623	28.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	167898	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	68487	19.216	ug/L 98
3) Chloromethane	2.21	50	80435	21.921	ug/L 100
5) Vinyl chloride	2.37	62	122349	26.887	ug/L 100
6) Bromomethane	2.79	94	81252	24.797	ug/L 99
8) Chloroethane	2.93	64	76878	25.146	ug/L 100
9) Trichlorofluoromethane	3.27	101	122385	23.487	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	135731	25.450	ug/L # 71
12) 1,1-Dichloroethene	4.05	96	125397	24.112	ug/L 95
13) Acetone	4.13	43	56387	56.320	ug/L 93
14) Carbon disulfide	4.39	76	342993	23.058	ug/L 98
15) Methyl Acetate	4.68	43	50409	28.925	ug/L 97
16) Methylene chloride	4.92	84	139014	24.686	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	154096	27.548	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	130257	24.365	ug/L 98
19) 1,1-Dichloroethane	6.22	63	232088	25.713	ug/L 98
21) 2-Butanone	7.17	43	72857	60.810	ug/L 98
22) cis-1,2-Dichloroethene	7.18	96	139417	24.995	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	63883	25.213	ug/L	93
25) Chloroform	7.68	83	244622	25.671	ug/L	99
27) 1,2-Dichloroethane	8.40	62	155997	27.182	ug/L	99
30) Cyclohexane	7.96	56	205146	25.106	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	210258	25.934	ug/L	98
32) Carbon tetrachloride	8.07	117	205517	26.106	ug/L	100
34) Benzene	8.32	78	521446	25.326	ug/L	100
35) Trichloroethene	9.09	95	141482	24.787	ug/L	98
36) Methylcyclohexane	9.34	83	234225	24.815	ug/L	99
40) 1,2-Dichloropropane	9.37	63	126138	26.083	ug/L	99
41) Bromodichloromethane	9.65	83	176221	26.373	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	201159	26.855	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135092	60.677	ug/L	96
44) Toluene	10.39	91	561415	25.339	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	176244	27.457	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96175	26.541	ug/L	97
47) Tetrachloroethene	10.87	164	117419	24.144	ug/L	92
49) 2-Hexanone	10.97	43	103182	65.623	ug/L	92
50) Dibromochloromethane	11.13	129	121591	26.863	ug/L	97
51) 1,2-Dibromoethane	11.24	107	92075	26.513	ug/L #	95
52) Chlorobenzene	11.66	112	360238	24.830	ug/L	96
53) Ethylbenzene	11.73	91	641842	25.550	ug/L	96
54) m,p-Xylene	11.84	106	244102	25.469	ug/L	95
55) o-xylene	12.17	106	228284	25.573	ug/L	99
56) Styrene	12.18	104	394700	26.283	ug/L	98
57) Isopropylbenzene	12.46	105	644934	26.303	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	113559	29.117	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	82486	28.654	ug/L	99
62) Bromoform	12.35	173	71585	27.205	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	287579	24.028	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	296270	24.988	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	264661	25.389	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18637	27.768	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	213174	24.863	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	173743	25.067	ug/L	95
69) Naphthalene	15.37	128	296955	27.747	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	156234	27.023	ug/L	99

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

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