

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016622.D
 Acq On : 23 Sep 2020 10:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Sep 24 04:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 16:28:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	611278	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	548257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	275538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	124194	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.90	69	109819	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.03	63	298497	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.24%
20) 2-Butanone-d5	7.08	46	73101	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	336921	26.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	8.31	65	163165	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.44%
29) Benzene-d6	8.28	84	572731	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	9.27	67	167552	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.33	98	529945	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	10.58	79	80541	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	58809	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142837	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	223256	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	202844	26.862	ug/L	93
3) Chloromethane	2.23	50	145976	26.419	ug/L	96
5) Vinyl chloride	2.37	62	215115	26.382	ug/L	100
6) Bromomethane	2.79	94	152404	24.633	ug/L	99
8) Chloroethane	2.94	64	127364	26.404	ug/L	100
9) Trichlorofluoromethane	3.28	101	207941	25.294	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	209822	26.642	ug/L	99
12) 1,1-Dichloroethene	4.05	96	206310	26.646	ug/L	91
13) Acetone	4.13	43	52836	41.812	ug/L	99
14) Carbon disulfide	4.39	76	590657	25.286	ug/L	99
15) Methyl Acetate	4.68	43	61759	21.463	ug/L	99
16) Methylene chloride	4.92	84	194700	20.651	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	247556	23.343	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	212415	26.491	ug/L	98
19) 1,1-Dichloroethane	6.22	63	330293	26.048	ug/L	98
21) 2-Butanone	7.17	43	79588	37.021	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	218122	26.218	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	102107	25.245	ug/L	97
25) Chloroform	7.68	83	365313	26.424	ug/L	100
27) 1,2-Dichloroethane	8.40	62	222131	25.042	ug/L	97
30) Cyclohexane	7.96	56	303850	25.361	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	332440	25.963	ug/L	99
32) Carbon tetrachloride	8.07	117	326443	26.241	ug/L	98
34) Benzene	8.33	78	767905	26.132	ug/L	100
35) Trichloroethene	9.10	95	221368	26.037	ug/L	98
36) Methylcyclohexane	9.34	83	372973	25.863	ug/L	99
40) 1,2-Dichloropropane	9.37	63	174043	25.465	ug/L	100
41) Bromodichloromethane	9.65	83	260377	25.708	ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	296263	25.378	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	178364	41.076	ug/L	99
44) Toluene	10.39	91	878436	26.584	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	253387	24.947	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	139154	24.168	ug/L	96
47) Tetrachloroethene	10.87	164	205825	26.810	ug/L	95
49) 2-Hexanone	10.97	43	120682	43.792	ug/L	99
50) Dibromochloromethane	11.13	129	186733	24.840	ug/L	95
51) 1,2-Dibromoethane	11.24	107	137982	23.935	ug/L	94
52) Chlorobenzene	11.66	112	573367	25.833	ug/L	99
53) Ethylbenzene	11.73	91	984291	26.237	ug/L	95
54) m,p-Xylene	11.84	106	384150	26.151	ug/L	99
55) o-xylene	12.17	106	365552	25.975	ug/L	98
56) Styrene	12.18	104	613543	26.254	ug/L	99
57) Isopropylbenzene	12.46	105	1025201	26.660	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	149488	23.217	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	108159	22.553	ug/L	99
62) Bromoform	12.35	173	109165	23.489	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	466360	26.022	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	452101	25.759	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	396315	24.748	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	25262	22.007	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	343619	26.216	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	288605	27.219	ug/L	99
69) Naphthalene	15.37	128	463429	24.656	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	239642	26.279	ug/L	99

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

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