

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016748.D
 Acq On : 01 Oct 2020 19:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Oct 01 21:36:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	543456	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	93156	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.90	69	88472	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.04	63	235507	20.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.08%
20) 2-Butanone-d5	7.09	46	72362	50.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.92%
24) Chloroform-d	7.66	84	298317	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.31	65	144140	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	8.28	84	500127	22.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.28%
33) 1,2-Dichloropropane-d6	9.28	67	152857	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.33	98	455334	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	10.58	79	66165	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	60337	54.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144717	27.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	208760	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	162078	24.142	ug/L 99
3) Chloromethane	2.23	50	132209	26.913	ug/L 98
5) Vinyl chloride	2.38	62	199732	27.552	ug/L 98
6) Bromomethane	2.80	94	139194	25.305	ug/L 100
8) Chloroethane	2.94	64	119144	27.783	ug/L 98
9) Trichlorofluoromethane	3.28	101	172382	23.586	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	188286	26.891	ug/L 96
12) 1,1-Dichloroethene	4.06	96	186792	27.135	ug/L 86
13) Acetone	4.14	43	45411	40.421	ug/L 92
14) Carbon disulfide	4.40	76	505461	24.339	ug/L 99
15) Methyl Acetate	4.68	43	59874	23.405	ug/L 98
16) Methylene chloride	4.93	84	211498	25.233	ug/L 98
17) Methyl tert-butyl Ether	5.44	73	238873	25.335	ug/L 97
18) trans-1,2-Dichloroethene	5.44	96	197053	27.642	ug/L 96
19) 1,1-Dichloroethane	6.23	63	315781	28.011	ug/L 98
21) 2-Butanone	7.18	43	78272	40.953	ug/L 93
22) cis-1,2-Dichloroethene	7.18	96	212316	28.705	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	101284	28.167	ug/L	95
25) Chloroform	7.68	83	349931	28.470	ug/L	100
27) 1,2-Dichloroethane	8.41	62	207404	26.299	ug/L	98
30) Cyclohexane	7.96	56	275104	24.910	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	297138	25.175	ug/L	99
32) Carbon tetrachloride	8.07	117	288034	25.118	ug/L	99
34) Benzene	8.33	78	743143	27.435	ug/L	100
35) Trichloroethene	9.10	95	210434	26.851	ug/L	100
36) Methylcyclohexane	9.34	83	342039	25.731	ug/L	99
40) 1,2-Dichloropropane	9.37	63	170298	27.032	ug/L	100
41) Bromodichloromethane	9.65	83	245122	26.256	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	278692	25.899	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	179753	44.909	ug/L	96
44) Toluene	10.39	91	837212	27.487	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	238381	25.461	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	143351	27.010	ug/L	98
47) Tetrachloroethene	10.87	164	190561	26.928	ug/L	94
49) 2-Hexanone	10.97	43	120238	47.333	ug/L	95
50) Dibromochloromethane	11.13	129	179456	25.898	ug/L	94
51) 1,2-Dibromoethane	11.24	107	138585	26.080	ug/L	90
52) Chlorobenzene	11.66	112	567299	27.728	ug/L	99
53) Ethylbenzene	11.73	91	957155	27.679	ug/L	98
54) m,p-Xylene	11.84	106	372619	27.518	ug/L	99
55) o-xylene	12.17	106	352823	27.198	ug/L	96
56) Styrene	12.18	104	600013	27.854	ug/L	95
57) Isopropylbenzene	12.47	105	971034	27.394	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	157798	26.587	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	113493	25.674	ug/L	98
62) Bromoform	12.35	173	101430	22.765	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	463282	26.963	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	449902	26.738	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	413091	26.907	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	24038	21.843	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	339428	27.012	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	296022	29.121	ug/L	99
69) Naphthalene	15.37	128	490454	27.217	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	246127	28.152	ug/L	99

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

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