

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015594.D
 Acq On : 11 Jun 2020 18:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Jun 12 05:05:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	319977	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294082	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63039	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
7) Chloroethane-d5	2.89	69	74685	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.44%
10) 1,1-Dichloroethene-d2	4.02	63	159542	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.32%
20) 2-Butanone-d5	7.09	46	42342	44.23	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.46%
24) Chloroform-d	7.65	84	180528	24.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	8.31	65	98750	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	8.27	84	344767	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	102777	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
37) Toluene-d8	10.32	98	324371	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	41497	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.88%
39) 2-Hexanone-d5	10.93	63	36239	47.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79984	24.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	111661	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	59419	21.020	ug/L 98
3) Chloromethane	2.21	50	65190	20.949	ug/L 99
5) Vinyl chloride	2.36	62	116655	24.928	ug/L 97
6) Bromomethane	2.78	94	77708	25.548	ug/L 100
8) Chloroethane	2.93	64	74395	26.116	ug/L 96
9) Trichlorofluoromethane	3.26	101	77387	23.237	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	98291	24.885	ug/L 99
12) 1,1-Dichloroethene	4.04	96	92156	24.154	ug/L 90
13) Acetone	4.15	43	30781	41.591	ug/L 100
14) Carbon disulfide	4.38	76	267952	21.051	ug/L 100
15) Methyl Acetate	4.68	43	35506	22.175	ug/L 99
16) Methylene chloride	4.91	84	102709	26.154	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	140100	23.139	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	101291	24.772	ug/L 96
19) 1,1-Dichloroethane	6.22	63	186695	25.385	ug/L 99
21) 2-Butanone	7.18	43	47665	41.925	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	106861	25.053	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	45347	24.654	ug/L	96
25) Chloroform	7.68	83	192772	26.031	ug/L	100
27) 1,2-Dichloroethane	8.40	62	129095	25.769	ug/L	100
30) Cyclohexane	7.96	56	168032	23.115	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	166090	25.245	ug/L	100
32) Carbon tetrachloride	8.07	117	150410	24.926	ug/L	100
34) Benzene	8.32	78	425538	25.875	ug/L	100
35) Trichloroethene	9.09	95	111993	25.352	ug/L	98
36) Methylcyclohexane	9.34	83	192952	24.490	ug/L	100
40) 1,2-Dichloropropane	9.37	63	103442	25.541	ug/L	99
41) Bromodichloromethane	9.65	83	135754	25.091	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	158729	24.492	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	118467	49.901	ug/L	99
44) Toluene	10.39	91	465697	25.991	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	133870	23.736	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	71621	25.277	ug/L	98
47) Tetrachloroethene	10.87	164	88963	25.405	ug/L	98
49) 2-Hexanone	10.97	43	75482	47.104	ug/L	100
50) Dibromochloromethane	11.13	129	85662	24.884	ug/L	98
51) 1,2-Dibromoethane	11.24	107	66916	24.600	ug/L	96
52) Chlorobenzene	11.66	112	290792	25.874	ug/L	98
53) Ethylbenzene	11.73	91	527572	25.642	ug/L	100
54) m,p-Xylene	11.84	106	197870	25.630	ug/L	96
55) o-xylene	12.17	106	188948	25.784	ug/L	100
56) Styrene	12.18	104	322557	25.760	ug/L	99
57) Isopropylbenzene	12.46	105	528227	25.876	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	82628	25.189	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	60940	24.501	ug/L	100
62) Bromoform	12.35	173	45003	23.105	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	223511	26.128	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	217736	25.977	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	195923	26.356	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	12306	21.822	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	149454	25.235	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	118783	24.902	ug/L	99
69) Naphthalene	15.37	128	208664	24.092	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	102576	25.277	ug/L	98

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

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