

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015493.D
 Acq On : 27 May 2020 09:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: May 28 01:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 16:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163075	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74512	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
7) Chloroethane-d5	2.90	69	79213	24.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.08%
10) 1,1-Dichloroethene-d2	4.02	63	181315	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.76%
20) 2-Butanone-d5	7.08	46	56327	52.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.06%
24) Chloroform-d	7.65	84	197699	23.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	8.31	65	112086	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.27	84	368606	22.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.08%
33) 1,2-Dichloropropane-d6	9.27	67	114162	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	10.32	98	349966	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.00%
38) trans-1,3-Dichloropropene-	10.58	79	52542	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	10.93	63	45507	52.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97201	25.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	126919	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	86466	27.051	ug/L	98
3) Chloromethane	2.21	50	87431	24.848	ug/L	99
5) Vinyl chloride	2.37	62	131489	24.849	ug/L	99
6) Bromomethane	2.78	94	85894	24.974	ug/L	99
8) Chloroethane	2.93	64	81935	25.437	ug/L	96
9) Trichlorofluoromethane	3.26	101	95489	25.357	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	107048	23.968	ug/L	100
12) 1,1-Dichloroethene	4.04	96	104715	24.272	ug/L	91
13) Acetone	4.13	43	47905	57.244	ug/L	99
14) Carbon disulfide	4.38	76	340052	23.627	ug/L	99
15) Methyl Acetate	4.68	43	47686	26.338	ug/L	99
16) Methylene chloride	4.92	84	104127	23.449	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	168810	24.657	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	111619	24.142	ug/L	100
19) 1,1-Dichloroethane	6.21	63	202357	24.333	ug/L	99
21) 2-Butanone	7.18	43	66307	51.578	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	116158	24.083	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	50856	24.452	ug/L	96
25) Chloroform	7.68	83	204583	24.432	ug/L	100
27) 1,2-Dichloroethane	8.40	62	140923	24.877	ug/L	100
30) Cyclohexane	7.95	56	194318	23.557	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	178456	23.904	ug/L	100
32) Carbon tetrachloride	8.07	117	162725	23.765	ug/L	100
34) Benzene	8.32	78	448743	24.046	ug/L	100
35) Trichloroethene	9.09	95	118498	23.639	ug/L	99
36) Methylcyclohexane	9.34	83	215245	24.075	ug/L	99
40) 1,2-Dichloropropane	9.37	63	110527	24.050	ug/L	99
41) Bromodichloromethane	9.65	83	147148	23.967	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	177792	24.175	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	138673	51.476	ug/L	99
44) Toluene	10.39	91	494018	24.298	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	157138	24.553	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	80420	25.013	ug/L	98
47) Tetrachloroethene	10.87	164	96868	24.378	ug/L	96
49) 2-Hexanone	10.97	43	97681	53.719	ug/L	100
50) Dibromochloromethane	11.13	129	95378	24.417	ug/L	95
51) 1,2-Dibromoethane	11.24	107	77268	25.033	ug/L	97
52) Chlorobenzene	11.66	112	306313	24.019	ug/L	97
53) Ethylbenzene	11.73	91	562834	24.108	ug/L	99
54) m,p-Xylene	11.84	106	213102	24.325	ug/L	99
55) o-xylene	12.16	106	203196	24.436	ug/L	98
56) Styrene	12.18	104	346398	24.379	ug/L	99
57) Isopropylbenzene	12.46	105	571336	24.665	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	97869	26.293	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	73797	26.147	ug/L	99
62) Bromoform	12.35	173	55558	24.452	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	238652	23.916	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	240592	24.606	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	217429	25.073	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16434	24.982	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	169285	24.503	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	143758	25.836	ug/L	99
69) Naphthalene	15.37	128	272764	26.997	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	126057	26.629	ug/L	99

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

