

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080520\
 Data File : VW016037.D
 Acq On : 05 Aug 2020 10:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Aug 06 02:52:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 05 03:09:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	253745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93969	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
7) Chloroethane-d5	2.90	69	70306	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.01	63	190600	26.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.32%
20) 2-Butanone-d5	7.08	46	44350	47.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.30%
24) Chloroform-d	7.65	84	189185	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.31	65	95504	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	8.27	84	375234	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.27	67	106911	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	10.32	98	351269	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.84%
38) trans-1,3-Dichloropropene-	10.58	79	48501	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.52%
39) 2-Hexanone-d5	10.93	63	35806	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81455	25.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	117423	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	52160	24.293	ug/L	92
3) Chloromethane	2.21	50	58580	22.558	ug/L	100
5) Vinyl chloride	2.37	62	87611	21.874	ug/L	98
6) Bromomethane	2.78	94	54632	22.864	ug/L	97
8) Chloroethane	2.93	64	52809	22.507	ug/L	94
9) Trichlorofluoromethane	3.26	101	73041	27.130	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	91998	27.955	ug/L	96
12) 1,1-Dichloroethene	4.03	96	86634	26.560	ug/L	86
13) Acetone	4.12	43	42125	53.333	ug/L	93
14) Carbon disulfide	4.37	76	241295	23.423	ug/L	99
15) Methyl Acetate	4.67	43	36373	24.423	ug/L	97
16) Methylene chloride	4.91	84	88284	21.233	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	124980	27.096	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	90782	26.356	ug/L	95
19) 1,1-Dichloroethane	6.22	63	164376	25.896	ug/L	98
21) 2-Butanone	7.18	43	50468	51.671	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	96868	26.880	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	43324	27.416	ug/L	85
25) Chloroform	7.68	83	171426	27.250	ug/L	99
27) 1,2-Dichloroethane	8.40	62	104960	24.520	ug/L	98
30) Cyclohexane	7.96	56	142626	24.383	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	151141	27.902	ug/L	97
32) Carbon tetrachloride	8.07	117	142408	28.992	ug/L	99
34) Benzene	8.32	78	370415	26.289	ug/L	100
35) Trichloroethene	9.09	95	98249	26.360	ug/L	96
36) Methylcyclohexane	9.34	83	162785	25.453	ug/L	99
40) 1,2-Dichloropropane	9.37	63	90796	26.012	ug/L	99
41) Bromodichloromethane	9.65	83	122047	27.075	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	142259	26.760	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	104852	51.465	ug/L	97
44) Toluene	10.39	91	401948	27.200	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	124567	27.034	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	67345	26.831	ug/L	98
47) Tetrachloroethene	10.87	164	79872	27.608	ug/L	95
49) 2-Hexanone	10.97	43	74496	51.526	ug/L	97
50) Dibromochloromethane	11.13	129	84236	28.987	ug/L	97
51) 1,2-Dibromoethane	11.24	107	64500	26.862	ug/L	95
52) Chlorobenzene	11.66	112	257406	27.183	ug/L	99
53) Ethylbenzene	11.73	91	452288	27.218	ug/L	98
54) m,p-Xylene	11.84	106	172694	27.778	ug/L	95
55) o-xylene	12.17	106	163345	27.903	ug/L	100
56) Styrene	12.18	104	282993	28.426	ug/L	100
57) Isopropylbenzene	12.47	105	457458	28.706	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	79253	26.889	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	58300	26.400	ug/L	100
62) Bromoform	12.35	173	48253	28.218	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	203443	27.345	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	204533	27.088	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	180742	26.746	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	13459	26.461	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	152672	29.185	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	118177	28.441	ug/L	98
69) Naphthalene	15.37	128	207956	26.566	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	106002	28.632	ug/L	98

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

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