

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016725.D
 Acq On : 01 Oct 2020 09:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Oct 01 21:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 11:16:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	594087	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530987	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105427	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	2.90	69	97961	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
10) 1,1-Dichloroethene-d2	4.03	63	260654	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.09	46	70445	44.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.86%
24) Chloroform-d	7.65	84	319879	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	154275	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.28	84	538407	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.28	67	160617	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.32	98	483691	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.60%
38) trans-1,3-Dichloropropene-	10.58	79	72367	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	60595	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144930	26.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	223947	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	183983	25.069	ug/L	99
3) Chloromethane	2.23	50	143214	26.669	ug/L	99
5) Vinyl chloride	2.38	62	212412	26.804	ug/L	98
6) Bromomethane	2.80	94	145033	24.120	ug/L	98
8) Chloroethane	2.94	64	123464	26.336	ug/L	98
9) Trichlorofluoromethane	3.28	101	173273	21.687	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	207613	27.124	ug/L	98
12) 1,1-Dichloroethene	4.05	96	199086	26.457	ug/L	93
13) Acetone	4.15	43	45072	36.700	ug/L	94
14) Carbon disulfide	4.40	76	538789	23.733	ug/L	99
15) Methyl Acetate	4.68	43	59118	21.140	ug/L	97
16) Methylene chloride	4.93	84	191359	20.884	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	227927	22.114	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	203348	26.094	ug/L	98
19) 1,1-Dichloroethane	6.22	63	323676	26.265	ug/L	98
21) 2-Butanone	7.18	43	73101	34.987	ug/L	95
22) cis-1,2-Dichloroethene	7.18	96	214688	26.552	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	100536	25.576	ug/L	95
25) Chloroform	7.68	83	356417	26.527	ug/L	99
27) 1,2-Dichloroethane	8.40	62	213179	24.728	ug/L	100
30) Cyclohexane	7.96	56	289927	24.986	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	313262	25.261	ug/L	99
32) Carbon tetrachloride	8.07	117	310657	25.784	ug/L	97
34) Benzene	8.33	78	752464	26.439	ug/L	100
35) Trichloroethene	9.10	95	217650	26.432	ug/L	99
36) Methylcyclohexane	9.34	83	361641	25.893	ug/L	98
40) 1,2-Dichloropropane	9.37	63	173106	26.152	ug/L	99
41) Bromodichloromethane	9.65	83	249550	25.441	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	283515	25.076	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	170771	40.606	ug/L	97
44) Toluene	10.39	91	853552	26.671	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	244358	24.840	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	140844	25.257	ug/L	99
47) Tetrachloroethene	10.87	164	196671	26.451	ug/L	90
49) 2-Hexanone	10.97	43	115269	43.188	ug/L	97
50) Dibromochloromethane	11.13	129	182001	24.998	ug/L	98
51) 1,2-Dibromoethane	11.24	107	137757	24.673	ug/L	98
52) Chlorobenzene	11.66	112	565026	26.285	ug/L	99
53) Ethylbenzene	11.73	91	964662	26.550	ug/L	94
54) m,p-Xylene	11.84	106	376110	26.436	ug/L	100
55) o-xylene	12.17	106	356904	26.185	ug/L	99
56) Styrene	12.18	104	610432	26.971	ug/L	99
57) Isopropylbenzene	12.46	105	994057	26.690	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	152130	24.396	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	108785	23.421	ug/L	99
62) Bromoform	12.35	173	100574	21.693	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	465625	26.043	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	460228	26.285	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	408235	25.554	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.49	75	23840	20.818	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	350153	26.778	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	290771	27.489	ug/L	99
69) Naphthalene	15.37	128	469379	25.032	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	247591	27.215	ug/L	99

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

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