

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016379.D
 Acq On : 27 Aug 2020 09:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Aug 28 07:50:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 13:55:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	268405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61507	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
7) Chloroethane-d5	2.89	69	49903	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
10) 1,1-Dichloroethene-d2	4.02	63	156180	22.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.76%
20) 2-Butanone-d5	7.08	46	43389	53.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.48%
24) Chloroform-d	7.65	84	176798	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.31	65	98454	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	8.27	84	337419	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
33) 1,2-Dichloropropane-d6	9.27	67	92667	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.33	98	323211	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.60%
38) trans-1,3-Dichloropropene-	10.58	79	48284	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.00%
39) 2-Hexanone-d5	10.93	63	31778	51.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88188	27.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	115476	23.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	70846	24.022	ug/L 97
3) Chloromethane	2.21	50	49049	21.301	ug/L 97
5) Vinyl chloride	2.37	62	75420	24.048	ug/L 97
6) Bromomethane	2.78	94	48359	23.586	ug/L 100
8) Chloroethane	2.93	64	43280	24.749	ug/L 99
9) Trichlorofluoromethane	3.26	101	88983	26.218	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	94189	25.424	ug/L 98
12) 1,1-Dichloroethene	4.04	96	89192	25.031	ug/L 88
13) Acetone	4.13	43	37546	55.510	ug/L 95
14) Carbon disulfide	4.39	76	253172	23.964	ug/L 98
15) Methyl Acetate	4.67	43	36251	26.638	ug/L 100
16) Methylene chloride	4.92	84	95276	19.202	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	133764	25.674	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	90217	24.103	ug/L 97
19) 1,1-Dichloroethane	6.22	63	151372	24.545	ug/L 97
21) 2-Butanone	7.18	43	50428	52.330	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	96762	24.581	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47107	26.090	ug/L	92
25) Chloroform	7.68	83	170833	25.721	ug/L	98
27) 1,2-Dichloroethane	8.40	62	108213	26.014	ug/L	99
30) Cyclohexane	7.96	56	127562	23.468	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	153772	25.422	ug/L	99
32) Carbon tetrachloride	8.07	117	147858	25.744	ug/L	99
34) Benzene	8.32	78	355144	24.620	ug/L	100
35) Trichloroethene	9.09	95	99204	24.289	ug/L	99
36) Methylcyclohexane	9.34	83	163152	24.470	ug/L	99
40) 1,2-Dichloropropane	9.37	63	82420	24.295	ug/L	99
41) Bromodichloromethane	9.65	83	122374	25.465	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	139751	25.160	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	103214	50.886	ug/L	99
44) Toluene	10.39	91	396733	25.255	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	128906	26.248	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	73403	26.215	ug/L	94
47) Tetrachloroethene	10.87	164	80151	24.886	ug/L	97
49) 2-Hexanone	10.97	43	75444	57.415	ug/L	97
50) Dibromochloromethane	11.13	129	91999	26.381	ug/L	98
51) 1,2-Dibromoethane	11.24	107	71658	26.146	ug/L	98
52) Chlorobenzene	11.66	112	264715	25.230	ug/L	98
53) Ethylbenzene	11.73	91	454267	25.154	ug/L	95
54) m,p-Xylene	11.84	106	173437	24.989	ug/L	95
55) o-xylene	12.17	106	163607	25.092	ug/L	95
56) Styrene	12.18	104	286604	26.122	ug/L	96
57) Isopropylbenzene	12.46	105	451637	24.882	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	86857	26.584	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	64854	26.801	ug/L	98
62) Bromoform	12.35	173	53188	25.640	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	202790	23.575	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	205674	23.602	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	183536	23.895	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	15690	25.985	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.63	180	138308	23.299	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	113512	24.091	ug/L	99
69) Naphthalene	15.37	128	239922	25.921	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	101544	24.504	ug/L	98

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

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