

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012820\
 Data File : VW014788.D
 Acq On : 28 Jan 2020 15:55
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Jan 28 16:38:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 16:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	951557	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	851175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	405854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	375803	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
7) Chloroethane-d5	2.89	69	334032	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
10) 1,1-Dichloroethene-d2	4.02	63	693310	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.68%
20) 2-Butanone-d5	7.07	46	205921	48.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.24%
24) Chloroform-d	7.64	84	656891	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	344041	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	8.27	84	1350657	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.27	67	414053	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.44%
37) Toluene-d8	10.32	98	1215313	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.88%
38) trans-1,3-Dichloropropene-	10.57	79	164597	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.92	63	161419	51.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	314074	24.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	394056	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	304428	26.016	ug/L 100
3) Chloromethane	2.21	50	327993	24.028	ug/L 100
5) Vinyl chloride	2.36	62	524856	27.329	ug/L 97
6) Bromomethane	2.78	94	259993	25.897	ug/L 99
8) Chloroethane	2.92	64	278915	26.807	ug/L 100
9) Trichlorofluoromethane	3.26	101	283277	30.717	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	342748	26.020	ug/L 98
12) 1,1-Dichloroethene	4.04	96	340342	26.200	ug/L 94
13) Acetone	4.11	43	236360	51.568	ug/L 99
14) Carbon disulfide	4.39	76	1105985	26.009	ug/L 99
15) Methyl Acetate	4.67	43	171934	25.136	ug/L 99
16) Methylene chloride	4.91	84	359503	22.356	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	452890	26.375	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	355766	26.508	ug/L 99
19) 1,1-Dichloroethane	6.21	63	653377	25.960	ug/L 99
21) 2-Butanone	7.17	43	264118	51.465	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	364897	25.969	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	155115	25.262	ug/L	95
25) Chloroform	7.67	83	613374	26.120	ug/L	99
27) 1,2-Dichloroethane	8.40	62	398753	25.699	ug/L	99
30) Cyclohexane	7.95	56	657112	28.271	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	493679	26.562	ug/L	99
32) Carbon tetrachloride	8.06	117	457702	26.278	ug/L	100
34) Benzene	8.32	78	1445026	26.507	ug/L	100
35) Trichloroethene	9.09	95	362214	26.155	ug/L	99
36) Methylcyclohexane	9.33	83	665909	27.639	ug/L	99
40) 1,2-Dichloropropane	9.37	63	364601	26.383	ug/L	100
41) Bromodichloromethane	9.64	83	427783	25.901	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	546247	27.063	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	474566	52.225	ug/L	100
44) Toluene	10.38	91	1492892	26.952	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	434822	26.537	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	243347	25.795	ug/L	99
47) Tetrachloroethene	10.86	164	286491	25.891	ug/L	98
49) 2-Hexanone	10.96	43	359429	55.016	ug/L	100
50) Dibromochloromethane	11.13	129	278034	25.831	ug/L	95
51) 1,2-Dibromoethane	11.23	107	228864	25.220	ug/L	96
52) Chlorobenzene	11.65	112	895752	25.898	ug/L	99
53) Ethylbenzene	11.73	91	1639162	27.079	ug/L	100
54) m,p-Xylene	11.83	106	615430	27.198	ug/L	88
55) o-xylene	12.16	106	570522	26.871	ug/L	99
56) Styrene	12.18	104	991466	27.534	ug/L	100
57) Isopropylbenzene	12.46	105	1566333	27.240	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	299018	24.601	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	224423	24.580	ug/L	99
62) Bromoform	12.35	173	157027	24.648	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	690235	26.342	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	686259	26.133	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	624824	26.217	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	47588	24.345	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	525006	27.052	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	406656	28.235	ug/L	100
69) Naphthalene	15.36	128	753802	28.938	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	366920	27.786	ug/L	99

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

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