

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022620\
 Data File : VW015039.D
 Acq On : 26 Feb 2020 10:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Feb 27 01:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 26 13:38:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	699366	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	646785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	287590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	366217	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
7) Chloroethane-d5	2.89	69	273001	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
10) 1,1-Dichloroethene-d2	4.03	63	613009	22.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.08%
20) 2-Butanone-d5	7.07	46	121934	41.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.40%
24) Chloroform-d	7.65	84	516662	22.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	8.30	65	281464	21.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.56%
29) Benzene-d6	8.27	84	1016172	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	9.27	67	332629	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.44%
37) Toluene-d8	10.32	98	872566	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.57	79	120700	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.80%
39) 2-Hexanone-d5	10.92	63	87234	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212339	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	228052	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	157817	26.446	ug/L 97
3) Chloromethane	2.21	50	314523	22.992	ug/L 99
5) Vinyl chloride	2.37	62	426189	24.079	ug/L 98
6) Bromomethane	2.78	94	189568	23.858	ug/L 97
8) Chloroethane	2.93	64	237380	24.648	ug/L 95
9) Trichlorofluoromethane	3.26	101	192275	24.105	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	280718	25.552	ug/L 99
12) 1,1-Dichloroethene	4.04	96	261413	24.993	ug/L 81
13) Acetone	4.12	43	158490	45.827	ug/L 99
14) Carbon disulfide	4.39	76	966146	24.684	ug/L 99
15) Methyl Acetate	4.67	43	138613	23.803	ug/L 99
16) Methylene chloride	4.92	84	294627	22.760	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	296832	23.446	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	268607	24.856	ug/L 96
19) 1,1-Dichloroethane	6.21	63	606019	25.144	ug/L 99
21) 2-Butanone	7.17	43	186381	45.830	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	273921	24.908	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	105108	24.569	ug/L	94
25) Chloroform	7.67	83	543451	24.846	ug/L	99
27) 1,2-Dichloroethane	8.40	62	372200	24.871	ug/L	99
30) Cyclohexane	7.95	56	589527	27.262	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	419693	25.161	ug/L	99
32) Carbon tetrachloride	8.07	117	383800	25.677	ug/L	99
34) Benzene	8.32	78	1268892	26.373	ug/L	100
35) Trichloroethene	9.09	95	291055	25.008	ug/L	99
36) Methylcyclohexane	9.34	83	547637	27.402	ug/L	100
40) 1,2-Dichloropropane	9.37	63	347162	25.980	ug/L	100
41) Bromodichloromethane	9.64	83	375562	25.056	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	443684	25.481	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	374946	50.167	ug/L	98
44) Toluene	10.38	91	1261496	26.997	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	353080	25.088	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	186708	24.829	ug/L	98
47) Tetrachloroethene	10.86	164	188955	25.191	ug/L	96
49) 2-Hexanone	10.96	43	274715	50.700	ug/L	99
50) Dibromochloromethane	11.12	129	200627	25.070	ug/L	95
51) 1,2-Dibromoethane	11.23	107	161938	24.710	ug/L	97
52) Chlorobenzene	11.65	112	685185	24.930	ug/L	99
53) Ethylbenzene	11.73	91	1372699	26.892	ug/L	100
54) m,p-Xylene	11.83	106	488665	27.362	ug/L	100
55) o-xylene	12.16	106	452997	27.222	ug/L	96
56) Styrene	12.18	104	791552	27.772	ug/L	99
57) Isopropylbenzene	12.46	105	1247497	27.527	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	234507	24.717	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	176415	24.192	ug/L	100
62) Bromoform	12.35	173	94431	23.361	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	474830	25.309	ug/L	98
64) 1,4-Dichlorobenzene	13.57	146	486497	25.185	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	425800	25.060	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	35113	23.407	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	315516	25.078	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	229495	24.959	ug/L	99
69) Naphthalene	15.36	128	188293	23.067	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	210215	25.471	ug/L	98

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

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