

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015164.D
 Acq On : 08 Apr 2020 09:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Apr 09 01:06:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 13:50:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	596092	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	557317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	248627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	226574	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	220483	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.88%
10) 1,1-Dichloroethene-d2	4.02	63	463876	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.07	46	132268	56.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.90%
24) Chloroform-d	7.65	84	419417	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.31	65	255407	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	8.27	84	807463	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.27	67	271793	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	10.32	98	702444	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.40%
38) trans-1,3-Dichloropropene-	10.57	79	105875	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	10.92	63	98502	56.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209981	25.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	195884	22.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	109097	23.524	ug/L 99
3) Chloromethane	2.21	50	196991	22.971	ug/L 100
5) Vinyl chloride	2.36	62	306381	25.642	ug/L 100
6) Bromomethane	2.78	94	182204	27.626	ug/L 99
8) Chloroethane	2.92	64	199721	27.457	ug/L 97
9) Trichlorofluoromethane	3.26	101	162462	24.293	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	231585	24.891	ug/L 98
12) 1,1-Dichloroethene	4.04	96	216270	24.495	ug/L 97
13) Acetone	4.12	43	138197	66.081	ug/L 100
14) Carbon disulfide	4.38	76	767173	23.359	ug/L 100
15) Methyl Acetate	4.67	43	138889	28.114	ug/L 98
16) Methylene chloride	4.92	84	243069	23.857	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	296149	25.832	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	223210	24.323	ug/L 98
19) 1,1-Dichloroethane	6.21	63	490784	24.957	ug/L 97
21) 2-Butanone	7.17	43	186171	62.852	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	234147	25.693	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	97328	26.013	ug/L	98
25) Chloroform	7.67	83	454456	25.582	ug/L	100
27) 1,2-Dichloroethane	8.40	62	344581	27.008	ug/L	99
30) Cyclohexane	7.96	56	465720	25.611	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	357850	24.441	ug/L	99
32) Carbon tetrachloride	8.07	117	315538	24.841	ug/L	99
34) Benzene	8.32	78	1034977	25.103	ug/L	100
35) Trichloroethene	9.09	95	242673	24.179	ug/L	99
36) Methylcyclohexane	9.34	83	451035	26.158	ug/L	100
40) 1,2-Dichloropropane	9.37	63	281437	24.752	ug/L	99
41) Bromodichloromethane	9.64	83	326484	25.237	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	391799	26.226	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	398274	61.912	ug/L	98
44) Toluene	10.38	91	1041921	25.557	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	348923	26.710	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	173400	25.943	ug/L	97
47) Tetrachloroethene	10.86	164	157489	24.314	ug/L	98
49) 2-Hexanone	10.96	43	289503	67.478	ug/L	98
50) Dibromochloromethane	11.13	129	181490	26.412	ug/L	99
51) 1,2-Dibromoethane	11.23	107	154896	26.168	ug/L	99
52) Chlorobenzene	11.65	112	591229	24.810	ug/L	96
53) Ethylbenzene	11.73	91	1151939	26.159	ug/L	99
54) m,p-Xylene	11.84	106	410867	26.614	ug/L	99
55) o-xylene	12.16	106	384457	26.564	ug/L	99
56) Styrene	12.18	104	673693	27.351	ug/L	95
57) Isopropylbenzene	12.46	105	1079580	27.074	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	231063	27.621	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	177256	28.328	ug/L	99
62) Bromoform	12.35	173	94261	26.079	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	413735	25.391	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	412095	24.718	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	373012	25.154	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	38748	27.431	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	275839	26.295	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	218176	27.594	ug/L	98
69) Naphthalene	15.36	128	476571	31.000	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	204012	27.766	ug/L	99

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

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