

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072020\
 Data File : VW015869.D
 Acq On : 20 Jul 2020 11:22
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB14

Quant Time: Jul 20 12:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 12:42:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	424253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175019	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	16849	2.38	ug/L	0.00
7) Chloroethane-d5	2.90	69	12240	1.77	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	32437	3.10	ug/L	0.00
20) 2-Butanone-d5	7.09	46	8136	6.72	ug/L	0.00
24) Chloroform-d	7.65	84	30666	2.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	17510	2.80	ug/L	0.00
29) Benzene-d6	8.28	84	58957	2.73	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	17523	2.83	ug/L	0.00
37) Toluene-d8	10.33	98	53746	2.63	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7615	2.86	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5202	5.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13671	2.76	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	17459	2.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	10355	3.380 ug/L	96
3) Chloromethane	2.21	50	11909	2.600 ug/L	99
5) Vinyl chloride	2.37	62	18365	2.353 ug/L	99
6) Bromomethane	2.79	94	11449	1.724 ug/L	95
8) Chloroethane	2.93	64	10925	2.000 ug/L	96
9) Trichlorofluoromethane	3.26	101	11987	1.658 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	13768	2.772 ug/L	98
12) 1,1-Dichloroethene	4.03	96	14921	3.171 ug/L #	83
13) Acetone	4.13	43	8347	8.761 ug/L	99
14) Carbon disulfide	4.38	76	44521	2.910 ug/L	99
15) Methyl Acetate	4.68	43	6706	3.507 ug/L	97
16) Methylene chloride	4.91	84	31473	5.395 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	20503	2.916 ug/L #	92
18) trans-1,2-Dichloroethene	5.43	96	14920	2.686 ug/L	96
19) 1,1-Dichloroethane	6.22	63	27591	2.823 ug/L	96
21) 2-Butanone	7.18	43	9659	7.633 ug/L	90
22) cis-1,2-Dichloroethene	7.18	96	15536	2.658 ug/L	94
23) Bromochloromethane	7.52	128	7116	2.735 ug/L	89
25) Chloroform	7.68	83	27956	2.685 ug/L	98
27) 1,2-Dichloroethane	8.41	62	18784	2.749 ug/L	98
30) Cyclohexane	7.96	56	23625	2.878 ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	23518	2.734 ug/L	99
32) Carbon tetrachloride	8.07	117	20862	2.614 ug/L	97
34) Benzene	8.33	78	60549	2.782 ug/L	100
35) Trichloroethene	9.10	95	15812	2.695 ug/L	98
36) Methylcyclohexane	9.34	83	25894	2.582 ug/L	98
40) 1,2-Dichloropropane	9.37	63	14997	2.880 ug/L #	97
41) Bromodichloromethane	9.65	83	18544	2.642 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	20768	2.661 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	15872	6.197 ug/L	100
44) Toluene	10.39	91	60836	2.529 ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	17727	2.559 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.79	97	11131	2.803	ug/L	92
47) Tetrachloroethene	10.87	164	12663	2.696	ug/L	91
49) 2-Hexanone	10.97	43	11210	6.153	ug/L	98
50) Dibromochloromethane	11.13	129	11511	2.450	ug/L	99
51) 1,2-Dibromoethane	11.24	107	10240	2.734	ug/L	99
52) Chlorobenzene	11.66	112	40616	2.582	ug/L	94
53) Ethylbenzene	11.73	91	68969	2.541	ug/L	97
54) m,p-Xylene	11.84	106	24832	2.399	ug/L	97
55) o-xylene	12.17	106	23173	2.368	ug/L	99
56) Styrene	12.18	104	38550	2.330	ug/L	92
57) Isopropylbenzene	12.47	105	62863	2.335	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	12638	2.785	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	9546	2.861	ug/L	95
62) Bromoform	12.35	173	6340	2.625	ug/L #	92
63) 1,3-Dichlorobenzene	13.50	146	29728	2.692	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	30097	2.688	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	26760	2.644	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1887	2.905	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	20008	2.678	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	15108	2.579	ug/L	98
69) Naphthalene	15.37	128	24483	2.334	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	13617	2.589	ug/L	99

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

Instrument :
MSVOA_W
ClientSampleId :
BFB14

Abundance

TIC: VW015869.D

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Chlorodifluoromethane, T
Chloromethane, T
Vinyl chloride, S
Bromomethane, T
Chloroethane, S
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl acetate, T
Methylene chloride, T
Methyl 2-chloroethyl ether, T
1,1-Dichloroethane, T
2-Butanone, S
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
Benzene, T
1,2-Dichloroethane, S
Trichloroethene, T
1,2-Dichlorobenzene, S
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
1,1,1-Trichloroethane, S
trans-1,2-Dichloroethene, T
1,1,2-Trichloroethane, T
2-Hexanone, T
Dibromochloromethane, T
1,2-Dibromomethane, T
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, T
Styrene, T
Bromoform, T
Isopropylbenzene, T
1,1,1-Trichloroethane, S
1,2,3-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, S
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T