

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016556.D
 Acq On : 15 Sep 2020 13:54
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:58 AM

Quant Time: Sep 15 15:18:59 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:13:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	655122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	570277	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	280410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	16788	2.48	ug/L	-0.01
7) Chloroethane-d5	2.90	69	13872	2.35	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	37724	2.45	ug/L	0.00
20) 2-Butanone-d5	7.10	46	10144	4.46	ug/L	0.01
24) Chloroform-d	7.65	84	37528	2.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.32	65	19704	2.50	ug/L	0.00
29) Benzene-d6	8.28	84	70938	2.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	19087	2.41	ug/L	0.00
37) Toluene-d8	10.33	98	71073	2.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	9480	2.37	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6699	4.24	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	16464	2.46	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	25024	2.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	19008	2.549 ug/L	91
3) Chloromethane	2.22	50	15064	2.401 ug/L	98
5) Vinyl chloride	2.37	62	22870	2.781 ug/L	97
6) Bromomethane	2.79	94	17143	2.785 ug/L	100
8) Chloroethane	2.93	64	13190	2.636 ug/L	94
9) Trichlorofluoromethane	3.28	101	21490	3.018 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	21314	2.670 ug/L	98
12) 1,1-Dichloroethene	4.06	96	21449	2.673 ug/L #	78
13) Acetone	4.15	43	8178m	5.210 ug/L	
14) Carbon disulfide	4.40	76	65416	2.673 ug/L	95
15) Methyl Acetate	4.68	43	7680	2.074 ug/L	100
16) Methylene chloride	4.93	84	37125	3.659 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	29667	2.503 ug/L #	90
18) trans-1,2-Dichloroethene	5.44	96	22338	2.629 ug/L	98
19) 1,1-Dichloroethane	6.23	63	35727	2.505 ug/L	100
21) 2-Butanone	7.19	43	15378m	5.977 ug/L	
22) cis-1,2-Dichloroethene	7.18	96	22671	2.570 ug/L	96
23) Bromochloromethane	7.52	128	11480	2.777 ug/L	87
25) Chloroform	7.68	83	38546	2.588 ug/L	100
27) 1,2-Dichloroethane	8.41	62	24877	2.529 ug/L	98
30) Cyclohexane	7.96	56	33888	2.564 ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	35394	2.852 ug/L	98
32) Carbon tetrachloride	8.08	117	34369	2.906 ug/L	96
34) Benzene	8.33	78	83105	2.722 ug/L	100
35) Trichloroethene	9.10	95	23794	2.785 ug/L	99
36) Methylcyclohexane	9.34	83	40676	2.733 ug/L	99
40) 1,2-Dichloropropane	9.37	63	19450	2.607 ug/L	99
41) Bromodichloromethane	9.65	83	27485	2.605 ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	30691	2.412 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	25385	4.909 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.40	91	90564	2.651	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	26323	2.330	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	15892	2.655	ug/L	98
47) Tetrachloroethene	10.87	164	21556	3.058	ug/L	96
49) 2-Hexanone	10.98	43	14566	4.061	ug/L	98
50) Dibromochloromethane	11.13	129	19495	2.552	ug/L	88
51) 1,2-Dibromoethane	11.24	107	15283	2.555	ug/L	93
52) Chlorobenzene	11.66	112	60869	2.773	ug/L	99
53) Ethylbenzene	11.74	91	104904	2.718	ug/L	94
54) m,p-Xylene	11.84	106	40535	2.729	ug/L	94
55) o-xylene	12.17	106	39025	2.758	ug/L	95
56) Styrene	12.18	104	61652	2.550	ug/L	96
57) Isopropylbenzene	12.47	105	107636	2.768	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	17726	2.503	ug/L #	93
59) 1,2,3-Trichloropropane	12.77	75	13360	2.525	ug/L	95
62) Bromoform	12.35	173	11605	2.484	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	48454	2.744	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	46475	2.666	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	43004	2.748	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	2962	2.106	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	34992	2.826	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	26974	2.520	ug/L	99
69) Naphthalene	15.37	128	43927	2.025	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	23134	2.519	ug/L	99

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

