

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015173.D
 Acq On : 10 Apr 2020 10:31
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 4:02:38 PM

Quant Time: Apr 10 12:49:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 12:17:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1440451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1230027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	516340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34509	1.48	ug/L	0.00
7) Chloroethane-d5	2.89	69	27896	1.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	92422	1.92	ug/L	0.00
20) 2-Butanone-d5	7.09	46	23210m	4.11	ug/L	0.00
24) Chloroform-d	7.65	84	87597m	2.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	40421	1.67	ug/L	0.00
29) Benzene-d6	8.27	84	171392	2.17	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	53596	2.06	ug/L	0.00
37) Toluene-d8	10.32	98	159229	2.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	22379	2.18	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	15822	3.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35553	1.97	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	46424	2.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	26852	2.469 ug/L	93
3) Chloromethane	2.21	50	33775	1.749 ug/L	100
5) Vinyl chloride	2.36	62	44447	1.670 ug/L	98
6) Bromomethane	2.78	94	24418	1.671 ug/L	94
8) Chloroethane	2.93	64	22210	1.409 ug/L	96
9) Trichlorofluoromethane	3.26	101	33566	2.148 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	51529m	2.357 ug/L	
12) 1,1-Dichloroethene	4.04	96	49867	2.383 ug/L	89
13) Acetone	4.13	43	17324	3.722 ug/L	100
14) Carbon disulfide	4.38	76	164906	2.167 ug/L	95
15) Methyl Acetate	4.68	43	12354m	1.110 ug/L	
16) Methylene chloride	4.92	84	59014	2.489 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	70200m	2.573 ug/L	
18) trans-1,2-Dichloroethene	5.42	96	49490	2.281 ug/L	90
19) 1,1-Dichloroethane	6.21	63	86659	1.938 ug/L	94
21) 2-Butanone	7.18	43	19444m	2.881 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	51078	2.354 ug/L	92
23) Bromochloromethane	7.51	128	20087	2.245 ug/L	96
25) Chloroform	7.68	83	84499	2.062 ug/L	99
27) 1,2-Dichloroethane	8.40	62	47943	1.672 ug/L	95
30) Cyclohexane	7.96	56	90227	2.363 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	71820	2.296 ug/L	98
32) Carbon tetrachloride	8.07	117	65515	2.394 ug/L	97
34) Benzene	8.32	78	196663	2.247 ug/L	100
35) Trichloroethene	9.09	95	52130	2.412 ug/L	99
36) Methylcyclohexane	9.34	83	97307	2.610 ug/L	98
40) 1,2-Dichloropropane	9.37	63	45869	1.929 ug/L	98
41) Bromodichloromethane	9.65	83	58905	2.138 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	73053	2.270 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	51418	3.818 ug/L	98

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44) Toluene	10.39	91	203633	2.336	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	61694	2.200	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	32806	2.277	ug/L	99
47) Tetrachloroethene	10.86	164	37641	2.635	ug/L	93
49) 2-Hexanone	10.97	43	31651	3.552	ug/L	96
50) Dibromochloromethane	11.13	129	36671	2.415	ug/L	92
51) 1,2-Dibromoethane	11.24	107	29590	2.288	ug/L	98
52) Chlorobenzene	11.66	112	122696	2.359	ug/L	94
53) Ethylbenzene	11.73	91	229426	2.422	ug/L	97
54) m,p-Xylene	11.83	106	84720	2.513	ug/L	98
55) o-xylene	12.16	106	83445	2.627	ug/L	99
56) Styrene	12.18	104	138857	2.584	ug/L	99
57) Isopropylbenzene	12.46	105	224307	2.576	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	36202	2.034	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	25586	1.921	ug/L	100
62) Bromoform	12.35	173	20739	2.714	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	87331	2.582	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	84187	2.458	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	76664	2.504	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	5953	2.075	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.63	180	57881	2.597	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	40821	2.394	ug/L	99
69) Naphthalene	15.37	128	72897	2.191	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	36639	2.347	ug/L	98

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

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