

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016784.D
 Acq On : 06 Oct 2020 07:12
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005102

Quant Time: Oct 06 08:10:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 08:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	574323	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	524356	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	263560	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26451	4.38	ug/L	0.00
7) Chloroethane-d5	2.89	69	24921	5.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	58244	4.75	ug/L	0.00
21) 2-Butanone-d5	7.08	46	13193	11.04	ug/L	0.00
24) Chloroform-d	7.65	84	62882	5.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	30909	5.40	ug/L	0.00
32) Benzene-d6	8.28	84	125696	5.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	34358	5.27	ug/L	0.00
41) Toluene-d8	10.33	98	118193	5.16	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	14259	4.94	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	9638	10.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	26220	5.31	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	43802	5.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	33813	4.666 ug/L	90
3) Chloromethane	2.21	50	27962	4.742 ug/L	98
5) Vinyl chloride	2.37	62	34150	4.110 ug/L	99
6) Bromomethane	2.78	94	27711	4.851 ug/L	99
8) Chloroethane	2.93	64	24086	4.998 ug/L	98
9) Trichlorofluoromethane	3.26	101	25274	3.666 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	38992	5.156 ug/L	97
12) 1,1-Dichloroethene	4.04	96	34604	4.598 ug/L	88
13) Acetone	4.12	43	11441	13.002 ug/L	98
14) Carbon disulfide	4.39	76	97405	4.234 ug/L	100
15) Methyl Acetate	4.68	43	11336	5.132 ug/L #	68
16) Methylene chloride	4.92	84	45905	5.420 ug/L	98
17) trans-1,2-Dichloroethene	5.43	96	39115	5.021 ug/L	97
18) Methyl tert-butyl Ether	5.43	73	40778	4.826 ug/L	97
19) 1,1-Dichloroethane	6.21	63	59428	4.907 ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	38588	4.832 ug/L	97
22) 2-Butanone	7.17	43	15638	10.351 ug/L	98
23) Bromochloromethane	7.52	128	19024	5.071 ug/L	96
25) Chloroform	7.68	83	65528	5.043 ug/L	98
27) 1,2-Dichloroethane	8.40	62	38692	5.041 ug/L	100
29) Cyclohexane	7.96	56	53522	4.826 ug/L	97
30) 1,1,1-Trichloroethane	7.87	97	55089	4.833 ug/L	99
31) Carbon tetrachloride	8.07	117	51554	4.580 ug/L	100
33) Benzene	8.33	78	141980	4.971 ug/L	100
34) Trichloroethene	9.10	95	40141	4.987 ug/L	96
35) Methylcyclohexane	9.34	83	64922	4.759 ug/L	99
37) 1,2-Dichloropropane	9.37	63	32447	5.008 ug/L	99
38) Bromodichloromethane	9.65	83	43685	4.807 ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	47820	4.594 ug/L	94
40) 4-Methyl-2-pentanone	10.21	43	31441	9.914 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	156550	4.919	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	41518	4.697	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	26389	5.086	ug/L	98
46) Tetrachloroethene	10.87	164	37066	5.030	ug/L	87
48) 2-Hexanone	10.97	43	21269	10.206	ug/L	99
49) Dibromochloromethane	11.13	129	30427	4.613	ug/L	90
50) 1,2-Dibromoethane	11.24	107	25316	4.987	ug/L	98
51) Chlorobenzene	11.66	112	104953	4.971	ug/L	99
52) Ethylbenzene	11.73	91	174084	4.899	ug/L	99
53) m,p-Xylene	11.84	106	67193	4.823	ug/L	100
54) o-Xylene	12.17	106	63570	4.840	ug/L	91
55) Styrene	12.18	104	104269	4.780	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.72	83	28404	5.088	ug/L	98
59) Bromoform	12.35	173	17429	4.608	ug/L	98
60) Isopropylbenzene	12.47	105	170665	4.720	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	20497	4.981	ug/L	96
62) 1,3,5-Trimethylbenzene	12.94	105	140002	4.751	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	131392	4.771	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	85458	5.070	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	84786	5.074	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	74412	5.017	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	4201	4.762	ug/L	88
69) 1,3,5-Trichlorobenzene	14.63	180	63008	5.104	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	48448	4.972	ug/L	95
71) Naphthalene	15.36	128	73819	4.713	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	43516	5.289	ug/L	97

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

