

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016577.D
 Acq On : 18 Sep 2020 10:34
 Operator : SY/VA
 Sample : VSTD005106
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005106

Quant Time: Sep 18 12:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 12:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	586480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	519483	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	261534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	31043	4.74	ug/L	0.00
7) Chloroethane-d5	2.90	69	26331	4.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	68183	4.93	ug/L	0.00
21) 2-Butanone-d5	7.09	46	17442	11.77	ug/L	0.00
24) Chloroform-d	7.66	84	68401	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	36474	5.17	ug/L	0.00
32) Benzene-d6	8.28	84	133388	5.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.28	67	37160	5.09	ug/L	0.00
41) Toluene-d8	10.33	98	128785	4.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.59	79	17704	5.00	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	12748	11.10	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	31422	5.53	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	47058	4.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	34752	4.914 ug/L	93
3) Chloromethane	2.22	50	27372	4.884 ug/L	94
5) Vinyl chloride	2.37	62	41410	5.155 ug/L	96
6) Bromomethane	2.79	94	31239	5.062 ug/L	98
8) Chloroethane	2.94	64	23965	5.018 ug/L	98
9) Trichlorofluoromethane	3.28	101	34641	4.546 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	39403	5.210 ug/L	95
12) 1,1-Dichloroethene	4.05	96	37619	4.972 ug/L	93
13) Acetone	4.15	43	12794	12.503 ug/L	100
14) Carbon disulfide	4.40	76	113043	5.032 ug/L	98
15) Methyl Acetate	4.69	43	13882	5.659 ug/L	98
16) Methylene chloride	4.93	84	48849	5.683 ug/L	96
17) trans-1,2-Dichloroethene	5.44	96	40069	5.105 ug/L	95
18) Methyl tert-butyl Ether	5.44	73	53541	5.554 ug/L	99
19) 1,1-Dichloroethane	6.23	63	63272	5.089 ug/L	95
20) cis-1,2-Dichloroethene	7.18	96	42026	5.151 ug/L	98
22) 2-Butanone	7.18	43	20871	12.282 ug/L	96
23) Bromochloromethane	7.52	128	20264	5.283 ug/L	96
25) Chloroform	7.68	83	70279	5.167 ug/L	97
27) 1,2-Dichloroethane	8.40	62	45725	5.415 ug/L	97
29) Cyclohexane	7.96	56	59993	5.173 ug/L	97
30) 1,1,1-Trichloroethane	7.88	97	62578	5.056 ug/L	100
31) Carbon tetrachloride	8.07	117	60361	5.008 ug/L	100
33) Benzene	8.33	78	148455	5.159 ug/L	100
34) Trichloroethene	9.10	95	41602	5.040 ug/L	97
35) Methylcyclohexane	9.34	83	69561	5.045 ug/L	98
37) 1,2-Dichloropropane	9.37	63	34098	5.196 ug/L	95
38) Bromodichloromethane	9.65	83	49709	5.108 ug/L	98
39) cis-1,3-Dichloropropene	10.08	75	58158	5.192 ug/L	96
40) 4-Methyl-2-pentanone	10.21	43	44524	12.110 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	166669	5.141	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	50502	5.257	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	29081	5.456	ug/L	97
46) Tetrachloroethene	10.87	164	37927	5.093	ug/L	93
48) 2-Hexanone	10.98	43	26797	11.548	ug/L	100
49) Dibromochloromethane	11.13	129	37070	5.299	ug/L	96
50) 1,2-Dibromoethane	11.24	107	28708	5.439	ug/L	96
51) Chlorobenzene	11.66	112	110594	5.144	ug/L	100
52) Ethylbenzene	11.73	91	185711	5.087	ug/L	98
53) m,p-Xylene	11.84	106	72606	5.106	ug/L	97
54) o-Xylene	12.17	106	67091	4.985	ug/L	95
55) Styrene	12.18	104	111294	4.966	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.72	83	32764	5.710	ug/L	99
59) Bromoform	12.35	173	22492	5.327	ug/L	97
60) Isopropylbenzene	12.47	105	186580	4.886	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	24414	5.665	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	154167	4.906	ug/L	98
63) 1,2,4-Trimethylbenzene	13.26	105	153705	4.922	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	90099	5.142	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	87553	5.094	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	79181	5.107	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.49	75	5805	5.730	ug/L	93
69) 1,3,5-Trichlorobenzene	14.63	180	64142	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	50434	4.828	ug/L	97
71) Naphthalene	15.37	128	90270	5.149	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	44221	5.042	ug/L	96

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

