

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014972.D
 Acq On : 13 Feb 2020 10:40
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025303

Quant Time: Feb 13 11:43:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 13 11:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	753782	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	695704	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	319436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	392706	37.91	ug/L	0.00
7) Chloroethane-d5	2.89	69	299458	33.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	687961	37.64	ug/L	0.00
21) 2-Butanone-d5	7.07	46	225814	49.51	ug/L	0.00
24) Chloroform-d	7.65	84	614900	36.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	362526	36.69	ug/L	0.00
32) Benzene-d6	8.27	84	1236906	33.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	418115	36.52	ug/L	0.00
41) Toluene-d8	10.32	98	1085108	31.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.57	79	163138	28.24	ug/L	0.00
47) 2-Hexanone-d5	10.92	63	165538	41.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	319801	25.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	309259	26.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	170733	14.492	ug/L 100
3) Chloromethane	2.21	50	303978	23.617	ug/L 100
5) Vinyl chloride	2.37	62	411774	30.409	ug/L 100
6) Bromomethane	2.78	94	186095	23.620	ug/L 100
8) Chloroethane	2.93	64	223129	28.565	ug/L 100
9) Trichlorofluoromethane	3.26	101	168987	10.632	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	277336	28.106	ug/L 100
12) 1,1-Dichloroethene	4.04	96	267301	27.456	ug/L 100
13) Acetone	4.12	43	217170	41.263	ug/L 100
14) Carbon disulfide	4.39	76	952972	28.983	ug/L 100
15) Methyl Acetate	4.67	43	187915	23.104	ug/L 100
16) Methylene chloride	4.92	84	297943	23.660	ug/L 100
17) trans-1,2-Dichloroethene	5.42	96	267009	24.492	ug/L 100
18) Methyl tert-butyl Ether	5.43	73	342540	11.377	ug/L 100
19) 1,1-Dichloroethane	6.21	63	591932	31.801	ug/L 100
20) cis-1,2-Dichloroethene	7.17	96	279863	23.372	ug/L 100
22) 2-Butanone	7.17	43	267969	40.666	ug/L 100
23) Bromochloromethane	7.51	128	111293	21.024	ug/L 100
25) Chloroform	7.67	83	529962	28.775	ug/L 100
27) 1,2-Dichloroethane	8.40	62	393110	30.103	ug/L 100
29) Cyclohexane	7.96	56	585240	30.133	ug/L 100
30) 1,1,1-Trichloroethane	7.87	97	404705	25.930	ug/L 100
31) Carbon tetrachloride	8.07	117	364319	26.467	ug/L # 1
33) Benzene	8.32	78	1249827	28.184	ug/L 100
34) Trichloroethene	9.09	95	289956	25.622	ug/L 100
35) Methylcyclohexane	9.34	83	531068	25.462	ug/L 100
37) 1,2-Dichloropropane	9.37	63	341210	30.538	ug/L 100
38) Bromodichloromethane	9.64	83	380610	26.610	ug/L 100
39) cis-1,3-Dichloropropene	10.07	75	470151	24.841	ug/L 100
40) 4-Methyl-2-pentanone	10.21	43	528080	43.533	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.38	91	1246298	25.957	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	395688	24.575	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	209531	21.772	ug/L	100
46) Tetrachloroethene	10.86	164	192737	22.141	ug/L	100
48) 2-Hexanone	10.97	43	402037	43.209	ug/L	100
49) Dibromochloromethane	11.13	129	217526	20.912	ug/L	100
50) 1,2-Dibromoethane	11.23	107	191291	19.678	ug/L	100
51) Chlorobenzene	11.66	112	694832	22.839	ug/L	100
52) Ethylbenzene	11.73	91	1356529	25.202	ug/L	100
53) m,p-Xylene	11.84	106	482115	23.052	ug/L	100
54) o-Xylene	12.16	106	450643	22.490	ug/L	100
55) Styrene	12.18	104	801910	22.863	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	288393	21.374	ug/L	100
59) Bromoform	12.35	173	115786	17.143	ug/L	100
60) Isopropylbenzene	12.46	105	1239537	24.356	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	221485	22.298	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	1019503	24.202	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	1017561	24.414	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	493659	21.868	ug/L	100
65) 1,4-Dichlorobenzene	13.58	146	498132	21.981	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	462016	22.112	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.48	75	48870	19.495	ug/L	100
69) 1,3,5-Trichlorobenzene	14.63	180	338222	21.807	ug/L	100
70) 1,2,4-trichlorobenzene	15.13	180	263219	18.625	ug/L	100
71) Naphthalene	15.36	128	274272	6.965	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	253787	19.250	ug/L	100

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

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