

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014973.D
 Acq On : 13 Feb 2020 11:06
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050304

Quant Time: Feb 13 11:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 13 11:44:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	696716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	650108	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	297242	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	662939	69.24	ug/L	0.00
7) Chloroethane-d5	2.89	69	505470	60.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	1235830	73.15	ug/L	0.00
21) 2-Butanone-d5	7.07	46	443520	105.21	ug/L	0.00
24) Chloroform-d	7.65	84	1045129	66.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	622807	68.20	ug/L	0.00
32) Benzene-d6	8.27	84	2108838	60.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	719412	67.24	ug/L	0.00
41) Toluene-d8	10.32	98	1872600	58.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	296658	54.95	ug/L	0.00
47) 2-Hexanone-d5	10.92	63	337485	91.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	579910	49.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	534631	50.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	320128	29.398 ug/L	92
3) Chloromethane	2.21	50	586806	49.326 ug/L	100
5) Vinyl chloride	2.37	62	794106	63.447 ug/L	99
6) Bromomethane	2.78	94	356722	48.986 ug/L	94
8) Chloroethane	2.93	64	426262	59.041 ug/L	99
9) Trichlorofluoromethane	3.26	101	309464	21.065 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	528011	57.892 ug/L	99
12) 1,1-Dichloroethene	4.04	96	527950	58.671 ug/L	96
13) Acetone	4.12	43	447252	91.940 ug/L	99
14) Carbon disulfide	4.39	76	1854351	61.016 ug/L	100
15) Methyl Acetate	4.67	43	394506	52.477 ug/L	100
16) Methylene chloride	4.92	84	570675	49.029 ug/L	100
17) trans-1,2-Dichloroethene	5.42	96	532821	52.878 ug/L	100
18) Methyl tert-butyl Ether	5.43	73	715512	25.711 ug/L	98
19) 1,1-Dichloroethane	6.21	63	1152624	66.995 ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	564800	51.031 ug/L	100
22) 2-Butanone	7.17	43	592356	97.256 ug/L	100
23) Bromochloromethane	7.51	128	219095	44.778 ug/L	94
25) Chloroform	7.67	83	1017201	59.753 ug/L	99
27) 1,2-Dichloroethane	8.40	62	770922	63.870 ug/L	100
29) Cyclohexane	7.95	56	1192966	65.732 ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	771445	52.893 ug/L	99
31) Carbon tetrachloride	8.07	117	708118	55.051 ug/L	99
33) Benzene	8.32	78	2397722	57.861 ug/L	100
34) Trichloroethene	9.09	95	570206	53.921 ug/L	99
35) Methylcyclohexane	9.34	83	1054131	54.085 ug/L	98
37) 1,2-Dichloropropane	9.37	63	669070	64.081 ug/L	100
38) Bromodichloromethane	9.64	83	754821	56.474 ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	981416	55.492 ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	1182708	104.336 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.38	91	2436963	54.315	ug/L	97
44) trans-1,3-Dichloropropene	10.60	75	824349	54.788	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	419134	46.605	ug/L	99
46) Tetrachloroethene	10.86	164	366007	44.994	ug/L	97
48) 2-Hexanone	10.97	43	896124	103.066	ug/L	99
49) Dibromochloromethane	11.13	129	441773	45.449	ug/L	93
50) 1,2-Dibromoethane	11.23	107	389059	42.829	ug/L	96
51) Chlorobenzene	11.66	112	1366677	48.074	ug/L	98
52) Ethylbenzene	11.73	91	2701285	53.704	ug/L	100
53) m,p-Xylene	11.84	106	954292	48.830	ug/L	100
54) o-Xylene	12.16	106	903546	48.256	ug/L	98
55) Styrene	12.18	104	1582031	48.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	589837	46.782	ug/L	99
59) Bromoform	12.35	173	235983	37.548	ug/L	99
60) Isopropylbenzene	12.46	105	2450460	51.745	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	455134	49.242	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	2048310	52.255	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	2015435	51.966	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	959332	45.670	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	967491	45.880	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	886671	45.604	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.48	75	103649	44.435	ug/L	97
69) 1,3,5-Trichlorobenzene	14.63	180	648247	44.916	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	531937	40.451	ug/L	99
71) Naphthalene	15.36	128	615020	16.785	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	491235	40.043	ug/L	99

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

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