

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
 Data File : VW017758.D
 Acq On : 28 Dec 2020 11:48
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025104

Quant Time: Dec 28 13:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 28 13:38:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	365204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343324	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	181328	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128574	26.46	ug/L	0.00
7) Chloroethane-d5	2.89	69	113170	29.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	241202	24.52	ug/L	0.00
21) 2-Butanone-d5	7.07	46	64937	54.24	ug/L	0.00
24) Chloroform-d	7.65	84	252203	25.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	144542	27.15	ug/L	0.00
32) Benzene-d6	8.27	84	480461	24.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	136904	24.83	ug/L	0.00
41) Toluene-d8	10.32	98	468809	26.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	68742	26.72	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	47098	58.94	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	128166	28.19	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	164514	24.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	96545	31.196	ug/L 100
3) Chloromethane	2.21	50	81738	26.375	ug/L 100
5) Vinyl chloride	2.37	62	150254	32.260	ug/L 100
6) Bromomethane	2.78	94	114921	35.238	ug/L 100
8) Chloroethane	2.93	64	100168	33.858	ug/L 100
9) Trichlorofluoromethane	3.27	101	112290	26.348	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	120109	24.742	ug/L 100
12) 1,1-Dichloroethene	4.04	96	116352	25.139	ug/L 100
13) Acetone	4.12	43	55316	58.502	ug/L 100
14) Carbon disulfide	4.39	76	360470	27.303	ug/L 100
15) Methyl Acetate	4.67	43	54062	27.903	ug/L 100
16) Methylene chloride	4.92	84	127797	23.733	ug/L 100
17) trans-1,2-Dichloroethene	5.43	96	129214	26.611	ug/L 100
18) Methyl tert-butyl Ether	5.43	73	170844	29.761	ug/L 100
19) 1,1-Dichloroethane	6.21	63	226128	26.901	ug/L 100
20) cis-1,2-Dichloroethene	7.17	96	138309	26.693	ug/L 100
22) 2-Butanone	7.17	43	75844	53.173	ug/L 100
23) Bromochloromethane	7.52	128	61681	25.664	ug/L 100
25) Chloroform	7.68	83	239386	26.715	ug/L 100
27) 1,2-Dichloroethane	8.40	62	167986	28.914	ug/L 100
29) Cyclohexane	7.96	56	210066	28.394	ug/L 100
30) 1,1,1-Trichloroethane	7.87	97	204097	26.562	ug/L 100
31) Carbon tetrachloride	8.07	117	193139	25.952	ug/L 100
33) Benzene	8.32	78	518948	26.906	ug/L 100
34) Trichloroethene	9.09	95	140491	26.427	ug/L 100
35) Methylcyclohexane	9.34	83	245013	28.268	ug/L 100
37) 1,2-Dichloropropane	9.37	63	125240	26.679	ug/L 100
38) Bromodichloromethane	9.65	83	179808	27.316	ug/L 100
39) cis-1,3-Dichloropropene	10.07	75	213328	28.496	ug/L 100
40) 4-Methyl-2-pentanone	10.21	43	156382	58.458	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	588604	28.100	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	191456	28.512	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	101145	27.159	ug/L	100
46) Tetrachloroethene	10.87	164	112062	25.632	ug/L	100
48) 2-Hexanone	10.97	43	105660	58.215	ug/L	100
49) Dibromochloromethane	11.13	129	122669	26.725	ug/L	100
50) 1,2-Dibromoethane	11.24	107	98439	27.035	ug/L	100
51) Chlorobenzene	11.66	112	372829	27.064	ug/L	100
52) Ethylbenzene	11.73	91	666214	28.188	ug/L	100
53) m,p-Xylene	11.84	106	260444	28.893	ug/L	100
54) o-Xylene	12.16	106	246112	28.832	ug/L	100
55) Styrene	12.18	104	428509	29.389	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	125341	28.592	ug/L	100
59) Bromoform	12.35	173	69657	24.941	ug/L	100
60) Isopropylbenzene	12.46	105	683525	28.021	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	95378	27.921	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	568724	28.586	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	563471	28.623	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	298069	26.068	ug/L	100
65) 1,4-Dichlorobenzene	13.58	146	298806	25.767	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	273246	26.270	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.48	75	21857	28.002	ug/L	100
69) 1,3,5-Trichlorobenzene	14.63	180	200529	24.494	ug/L	100
70) 1,2,4-trichlorobenzene	15.13	180	171566	24.763	ug/L	100
71) Naphthalene	15.36	128	381959	31.332	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	152723	25.381	ug/L	100

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

