

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022732.D
 Acq On : 02 May 2022 11:10
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050404

Quant Time: May 03 00:00:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	346122	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198344	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	337202	47.485	ug/L	0.00
7) Chloroethane-d5	2.885	69	241065	52.180	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	452492	49.357	ug/L	0.00
21) 2-Butanone-d5	7.074	46	135039	100.851	ug/L	0.00
24) Chloroform-d	7.647	84	527020	51.971	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	284726	51.194	ug/L	0.00
32) Benzene-d6	8.275	84	1028476	52.172	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	287779	51.969	ug/L	0.00
41) Toluene-d8	10.323	98	1013243	53.208	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	139205	54.597	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	116635	110.335	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	275432	53.364	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	370119	53.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	105064	56.249	ug/L	95
3) Chloromethane	2.221	50	156459	42.912	ug/L	100
5) Vinyl chloride	2.361	62	339031	46.333	ug/L	99
6) Bromomethane	2.776	94	208591	44.399	ug/L	94
8) Chloroethane	2.922	64	175230	49.650	ug/L	97
9) Trichlorofluoromethane	3.257	101	162228	48.507	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	237560	47.714	ug/L	97
12) 1,1-Dichloroethene	4.044	96	212737	47.989	ug/L	95
13) Acetone	4.123	43	78808	86.161	ug/L	98
14) Carbon disulfide	4.385	76	582192	47.903	ug/L	99
15) Methyl Acetate	4.672	43	96879	46.100	ug/L	99
16) Methylene chloride	4.922	84	227525	44.924	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	237482	47.604	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	383098	50.418	ug/L	100
19) 1,1-Dichloroethane	6.214	63	411668	48.689	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	265670	49.581	ug/L #	99
22) 2-Butanone	7.171	43	128339	90.923	ug/L	100
23) Bromochloromethane	7.519	128	121760	48.521	ug/L	94
25) Chloroform	7.677	83	460937	49.302	ug/L	98
27) 1,2-Dichloroethane	8.397	62	302331	48.512	ug/L	100
29) Cyclohexane	7.952	56	367286	49.656	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	396186	49.019	ug/L	99
31) Carbon tetrachloride	8.074	117	375650	49.686	ug/L	99
33) Benzene	8.323	78	976825	48.482	ug/L	100
34) Trichloroethene	9.092	95	267397	48.258	ug/L	96
35) Methylcyclohexane	9.335	83	448795	49.304	ug/L	99
37) 1,2-Dichloropropane	9.366	63	237486	48.708	ug/L	100
38) Bromodichloromethane	9.646	83	351568	50.765	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	397727	52.608	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	301630	98.149	ug/L	99
42) Toluene	10.384	91	1130099	50.049	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	361953	53.639	ug/L	100

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45) 1,1,2-Trichloroethane	10.786	97	198457	48.690	ug/L	99
46) Tetrachloroethene	10.860	164	210644	50.586	ug/L	94
48) 2-Hexanone	10.963	43	210485	102.508	ug/L	98
49) Dibromochloromethane	11.128	129	255715	52.127	ug/L	97
50) 1,2-Dibromoethane	11.231	107	202419	49.458	ug/L	98
51) Chlorobenzene	11.658	112	740991	49.778	ug/L	99
52) Ethylbenzene	11.725	91	1271525	50.617	ug/L	98
53) m,p-Xylene	11.835	106	511908	51.718	ug/L	98
54) o-Xylene	12.164	106	494773	52.091	ug/L	95
55) Styrene	12.176	104	850979	52.725	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	252212	49.541	ug/L	97
59) Bromoform	12.347	173	149352	53.133	ug/L	99
60) Isopropylbenzene	12.463	105	1335709	49.157	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	180664	45.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	759798	50.261	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1144296	50.413	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	606627	50.004	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	605089	48.288	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	555343	50.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39426	45.520	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	394495	48.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	339868	52.467	ug/L	100
71) Naphthalene	15.359	128	763095	54.200	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	295388	51.450	ug/L	100

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

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