

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025348.D
 Acq On : 22 Feb 2023 09:21
 Operator : SY/MD
 Sample : VSTD00526
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005426

Quant Time: Feb 22 20:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 20:57:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317987	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	17039	5.485	ug/L	0.00
7) Chloroethane-d5	2.899	69	11847	5.252	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	41291	5.121	ug/L	0.00
21) 2-Butanone-d5	7.094	46	6321m	8.953	ug/L	0.02
24) Chloroform-d	7.648	84	35503	5.044	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	18151	4.971	ug/L	0.00
32) Benzene-d6	8.276	84	70233	5.212	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	19144	5.062	ug/L	0.00
41) Toluene-d8	10.319	98	63511	5.055	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	8327	4.833	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4527	8.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13394	4.731	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	19466	4.703	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	24010m	5.484	ug/L	
3) Chloromethane	2.223	50	19939	4.814	ug/L	97
5) Vinyl chloride	2.375	62	24611	5.113	ug/L	100
6) Bromomethane	2.790	94	15427	5.047	ug/L	97
8) Chloroethane	2.936	64	14007	4.973	ug/L	85
9) Trichlorofluoromethane	3.271	101	27974	4.789	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	26051m	5.302	ug/L	
12) 1,1-Dichloroethene	4.051	96	23898	5.054	ug/L	91
13) Acetone	4.125	43	9734	8.338	ug/L	94
14) Carbon disulfide	4.393	76	76974	4.991	ug/L	99
15) Methyl Acetate	4.686	43	8718	4.696	ug/L	96
16) Methylene chloride	4.923	84	26735	5.152	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	24415	4.926	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	31891	4.555	ug/L	98
19) 1,1-Dichloroethane	6.222	63	44747	5.024	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	25315	4.860	ug/L	98
22) 2-Butanone	7.173	43	11628m	8.671	ug/L	
23) Bromochloromethane	7.520	128	11494	5.172	ug/L	# 88
25) Chloroform	7.679	83	45688	4.984	ug/L	96
27) 1,2-Dichloroethane	8.398	62	30615	4.952	ug/L	98
29) Cyclohexane	7.965	56	38994	4.871	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	42352	5.141	ug/L	99
31) Carbon tetrachloride	8.075	117	39952	5.153	ug/L	97
33) Benzene	8.325	78	99715	5.129	ug/L	100
34) Trichloroethene	9.093	95	28394	5.229	ug/L	99
35) Methylcyclohexane	9.337	83	46933	4.932	ug/L	99
37) 1,2-Dichloropropane	9.368	63	24043	5.112	ug/L	99
38) Bromodichloromethane	9.648	83	32155	5.040	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	36459	4.738	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	20969	8.764	ug/L	98
42) Toluene	10.386	91	105897	5.059	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	29662	4.586	ug/L	98

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

45) 1,1,2-Trichloroethane	10.788	97	17652	5.032	ug/L	98
46) Tetrachloroethene	10.861	164	21035	5.130	ug/L	92
48) 2-Hexanone	10.971	43	14841	8.311	ug/L	99
49) Dibromochloromethane	11.129	129	19432	4.796	ug/L	95
50) 1,2-Dibromoethane	11.233	107	15912	4.732	ug/L #	95
51) Chlorobenzene	11.660	112	69264	5.153	ug/L	94
52) Ethylbenzene	11.727	91	118912	4.902	ug/L	96
53) m,p-Xylene	11.837	106	45631	4.951	ug/L	94
54) o-Xylene	12.166	106	42219	4.955	ug/L	94
55) Styrene	12.178	104	71140	4.910	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	19035	4.753	ug/L	98
59) Bromoform	12.349	173	10244	4.199	ug/L	97
60) Isopropylbenzene	12.465	105	118964	4.464	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	14411	4.464	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	95622	4.467	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	94692	4.673	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	51954	4.985	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	51945	4.972	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	45556	4.767	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	3099	4.154	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	33451	4.689	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	28183	4.553	ug/L	96
71) Naphthalene	15.360	128	48491	4.074	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23617	4.493	ug/L	97

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

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