

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025214.D
 Acq On : 03 Jan 2023 12:40
 Operator : SY/MD
 Sample : VSTD2.579
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5479

Quant Time: Jan 04 00:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	604497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	527190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214221	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18320	2.610	ug/L	0.00
7) Chloroethane-d5	2.891	69	11320	2.560	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	40036	2.605	ug/L	0.00
21) 2-Butanone-d5	7.086	46	9200	5.173	ug/L	0.01
24) Chloroform-d	7.646	84	38035	2.510	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	21034	2.695	ug/L	0.00
32) Benzene-d6	8.274	84	79814	2.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23339	2.520	ug/L	0.00
41) Toluene-d8	10.323	98	71901	2.496	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9547	2.408	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	7477	5.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15046	2.323	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	20503	2.694	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12057	3.516	ug/L	94
3) Chloromethane	2.215	50	17364	2.873	ug/L	98
5) Vinyl chloride	2.361	62	21730	2.819	ug/L	89
6) Bromomethane	2.782	94	11957	2.955	ug/L	87
8) Chloroethane	2.922	64	10031	2.792	ug/L	95
9) Trichlorofluoromethane	3.263	101	13971	2.617	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	21111	2.717	ug/L #	75
12) 1,1-Dichloroethene	4.031	96	19903	2.656	ug/L	96
13) Acetone	4.123	43	14779	7.105	ug/L	100
14) Carbon disulfide	4.379	76	67757	2.729	ug/L	100
15) Methyl Acetate	4.671	43	9043	3.009	ug/L #	78
16) Methylene chloride	4.915	84	34503	3.690	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	21431	2.670	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	31183	2.771	ug/L #	81
19) 1,1-Dichloroethane	6.208	63	37871	2.682	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	22043	2.642	ug/L	99
22) 2-Butanone	7.177	43	14411	6.235	ug/L	81
23) Bromochloromethane	7.512	128	9430	2.708	ug/L	97
25) Chloroform	7.671	83	37392	2.693	ug/L	91
27) 1,2-Dichloroethane	8.396	62	23465	2.731	ug/L	96
29) Cyclohexane	7.951	56	36238	2.608	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	30900	2.639	ug/L	98
31) Carbon tetrachloride	8.073	117	28475	2.670	ug/L	100
33) Benzene	8.323	78	85590	2.686	ug/L	100
34) Trichloroethene	9.091	95	22272	2.680	ug/L	97
35) Methylcyclohexane	9.329	83	40096	2.659	ug/L	99
37) 1,2-Dichloropropane	9.372	63	21187	2.704	ug/L	99
38) Bromodichloromethane	9.646	83	26191	2.674	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	29978	2.508	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	22551	5.514	ug/L	98
42) Toluene	10.384	91	88572	2.642	ug/L	92
44) trans-1,3-Dichloropropene	10.609	75	26867	2.627	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	15090	2.776	ug/L	93
46) Tetrachloroethene	10.859	164	16993	2.783	ug/L	89
48) 2-Hexanone	10.969	43	17966	5.728	ug/L	96
49) Dibromochloromethane	11.128	129	16601	2.617	ug/L	99
50) 1,2-Dibromoethane	11.231	107	13952	2.713	ug/L #	98
51) Chlorobenzene	11.658	112	56225	2.686	ug/L	96
52) Ethylbenzene	11.725	91	98407	2.634	ug/L	98
53) m,p-Xylene	11.841	106	37859	2.622	ug/L	92
54) o-Xylene	12.164	106	30417	2.289	ug/L	94
55) Styrene	12.182	104	52775	2.337	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	14469	2.387	ug/L #	99
59) Bromoform	12.347	173	7775	2.752	ug/L	100
60) Isopropylbenzene	12.463	105	81303	2.519	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	10829	2.710	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	66028	2.413	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	66482	2.463	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	35665	2.703	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	34920	2.671	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	31489	2.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2765	3.089	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	30240	3.217	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	24701	3.094	ug/L	96
71) Naphthalene	15.359	128	47071	3.009	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	20447	2.986	ug/L	96

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

