

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031693.D
 Acq On : 08 May 2025 10:26
 Operator : SY/MD
 Sample : VSTD2.564
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.564

Quant Time: May 08 14:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	460220	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	317439	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	129000	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	23977m	2.20	ug/L	0.00
7) Chloroethane-d5	2.899	69	15655	2.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	9893m	2.17	ug/L	0.01
21) 2-Butanone-d5	7.111	46	11183m	4.92	ug/L	0.02
24) Chloroform-d	7.648	84	27421	2.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	11042	2.76	ug/L	0.00
32) Benzene-d6	8.276	84	56702	2.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13932	2.51	ug/L	0.00
41) Toluene-d8	10.324	98	50306	2.30	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	4791	2.61	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5267	4.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9777	2.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	11795	2.70	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	18915	2.06	ug/L	# 85
3) Chloromethane	2.216	50	19549	2.69	ug/L	90
5) Vinyl chloride	2.362	62	24484	2.24	ug/L	90
6) Bromomethane	2.783	94	11280	2.55	ug/L	88
8) Chloroethane	2.935	64	12163	2.32	ug/L	93
9) Trichlorofluoromethane	3.252	101	18498	2.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	25433m	2.26	ug/L	
12) 1,1-Dichloroethene	4.045	96	19245	2.20	ug/L	77
13) Acetone	4.161	43	9160m	5.72	ug/L	
14) Carbon disulfide	4.386	76	64055	2.32	ug/L	98
15) Methyl Acetate	4.697	43	6825m	2.31	ug/L	
16) Methylene chloride	4.929	84	13326m	2.79	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	18081	2.35	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	13301m	2.44	ug/L	
19) 1,1-Dichloroethane	6.221	63	28965	2.43	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	14037	2.38	ug/L	94
22) 2-Butanone	7.209	43	10692m	4.50	ug/L	
23) Bromochloromethane	7.514	128	5084	2.66	ug/L	# 89
25) Chloroform	7.678	83	25445	2.48	ug/L	96
27) 1,2-Dichloroethane	8.404	62	12417	2.62	ug/L	98
29) Cyclohexane	7.959	56	40791	1.99	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	31382	2.35	ug/L	98
31) Carbon tetrachloride	8.069	117	29948	2.24	ug/L	100
33) Benzene	8.325	78	60435	2.33	ug/L	100
34) Trichloroethene	9.093	95	19617	2.30	ug/L	91
35) Methylcyclohexane	9.331	83	46575	2.07	ug/L	99
37) 1,2-Dichloropropane	9.367	63	11946	2.37	ug/L	# 91
38) Bromodichloromethane	9.641	83	14750	2.66	ug/L	# 98
39) cis-1,3-Dichloropropene	10.074	75	14891	2.39	ug/L	93
40) 4-Methyl-2-pentanone	10.208	43	14295	4.63	ug/L	93
42) Toluene	10.385	91	61359	2.23	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	11251	2.41	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031693.D
 Acq On : 08 May 2025 10:26
 Operator : SY/MD
 Sample : VSTD2.564
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5464

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 14:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	7316	2.55	ug/L	91
46) Tetrachloroethene	10.861	164	15591	2.19	ug/L	88
48) 2-Hexanone	10.970	43	10326	4.22	ug/L #	96
49) Dibromochloromethane	11.123	129	7705	2.66	ug/L	78
50) 1,2-Dibromoethane	11.233	107	6501	2.41	ug/L #	97
51) Chlorobenzene	11.653	112	34000	2.48	ug/L	99
52) Ethylbenzene	11.726	91	73048	2.20	ug/L	95
53) m,p-Xylene	11.836	106	26072	2.19	ug/L	87
54) o-Xylene	12.165	106	20734	2.21	ug/L	100
55) Styrene	12.178	104	28760	2.13	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	9607	2.58	ug/L	98
59) Bromoform	12.348	173	3708	2.42	ug/L #	92
60) Isopropylbenzene	12.458	105	75641	2.13	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	7114	2.50	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	51064	2.10	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	45232	2.19	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	22964	2.45	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	21025	2.41	ug/L #	81
67) 1,2-Dichlorobenzene	13.866	146	17598	2.47	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	2902	3.16	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.622	180	15917	2.46	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	10785	2.46	ug/L	94
71) Naphthalene	15.354	128	19879	2.34	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.549	180	8848	2.49	ug/L	97

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

