

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031671.D
 Acq On : 31 Jan 2025 16:57
 Operator : SY/MD
 Sample : VSTD2.558
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5458

Quant Time: Feb 03 07:31:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	412855	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296857	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	18579	2.960	ug/L	0.00
7) Chloroethane-d5	2.893	69	13538m	3.052	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	9397m	3.354	ug/L	0.00
21) 2-Butanone-d5	7.106	46	11404m	9.573	ug/L	0.01
24) Chloroform-d	7.642	84	23934	2.368	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	10797	2.280	ug/L	0.00
32) Benzene-d6	8.270	84	54050	2.931	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13082	2.493	ug/L	0.00
41) Toluene-d8	10.325	98	48172	2.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	4129	2.032	ug/L	0.00
47) 2-Hexanone-d5	10.934	63	4112	6.625	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	12.684	84	9211	2.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	11288	2.769	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	12462	2.270	ug/L	96
3) Chloromethane	2.210	50	14132	2.547	ug/L	98
5) Vinyl chloride	2.369	62	17774	2.474	ug/L	96
6) Bromomethane	2.783	94	8681	2.143	ug/L	99
8) Chloroethane	2.942	64	8748m	2.147	ug/L	
9) Trichlorofluoromethane	3.253	101	11189	1.637	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	13953m	2.498	ug/L	
12) 1,1-Dichloroethene	4.033	96	14629m	2.585	ug/L	
13) Acetone	4.143	43	11032m	11.622	ug/L	
14) Carbon disulfide	4.387	76	42216m	2.250	ug/L	
15) Methyl Acetate	4.698	43	8406m	3.733	ug/L	
16) Methylene chloride	4.929	84	12196m	2.273	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	14707	2.441	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	14441m	1.669	ug/L	
19) 1,1-Dichloroethane	6.216	63	22764	2.086	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	13311	2.162	ug/L	93
22) 2-Butanone	7.191	43	14229m	9.228	ug/L	
23) Bromochloromethane	7.514	128	4917	2.120	ug/L	89
25) Chloroform	7.673	83	21268	2.079	ug/L	85
27) 1,2-Dichloroethane	8.398	62	11152	1.838	ug/L #	91
29) Cyclohexane	7.947	56	25685	2.507	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	19425	2.424	ug/L	98
31) Carbon tetrachloride	8.063	117	18680	2.588	ug/L	95
33) Benzene	8.325	78	53162	2.516	ug/L	100
34) Trichloroethene	9.087	95	14950	2.587	ug/L	96
35) Methylcyclohexane	9.331	83	25803	2.421	ug/L	87
37) 1,2-Dichloropropane	9.367	63	11792	2.330	ug/L	99
38) Bromodichloromethane	9.648	83	11135	1.868	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	12726	1.669	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	16419	6.188	ug/L	97
42) Toluene	10.386	91	53328	2.419	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	9493	1.577	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	7335	2.306	ug/L	92
46) Tetrachloroethene	10.861	164	11110	2.634	ug/L	92
48) 2-Hexanone	10.971	43	10258	6.026	ug/L	92
49) Dibromochloromethane	11.123	129	5939	1.748	ug/L	97
50) 1,2-Dibromoethane	11.233	107	7356	2.488	ug/L #	89
51) Chlorobenzene	11.654	112	31437	2.388	ug/L	96
52) Ethylbenzene	11.727	91	60742	2.404	ug/L	96
53) m,p-Xylene	11.837	106	20952	2.201	ug/L	89
54) o-Xylene	12.160	106	18726	2.141	ug/L	91
55) Styrene	12.178	104	28820	2.019	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	9640	2.684	ug/L #	86
59) Bromoform	12.349	173	3397	2.174	ug/L	97
60) Isopropylbenzene	12.458	105	59079	2.625	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	7861	3.360	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	43554	2.398	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	38917	2.248	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	19950	2.343	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	21068	2.521	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	17275	2.411	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	1957m	3.531	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	13634	2.376	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	10747	2.397	ug/L #	93
71) Naphthalene	15.360	128	21025	2.467	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.549	180	8595	2.264	ug/L	93

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

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