

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027278.D
 Acq On : 11 Oct 2023 10:04
 Operator : SY/MD
 Sample : VSTD2.560
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5460

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 00:58:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	520565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	464965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	235567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19302	2.430	ug/L	0.00
7) Chloroethane-d5	2.905	69	12309	2.158	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	9815	2.466	ug/L	0.00
21) 2-Butanone-d5	7.081	46	13305m	5.059	ug/L	0.00
24) Chloroform-d	7.648	84	36846	2.375	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	19691	2.363	ug/L	0.00
32) Benzene-d6	8.276	84	78337	2.490	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	23294	2.424	ug/L	0.00
41) Toluene-d8	10.325	98	72297	2.534	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10195	2.315	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	8738	4.395	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17682	2.467	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	21292	2.494	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.027	85	15906m	2.563	ug/L	
3) Chloromethane	2.216	50	17283	2.428	ug/L	97
5) Vinyl chloride	2.375	62	20920	2.631	ug/L	94
6) Bromomethane	2.783	94	11612	2.564	ug/L	99
8) Chloroethane	2.936	64	11458	2.504	ug/L	85
9) Trichlorofluoromethane	3.265	101	12686	2.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	18080m	2.658	ug/L	
12) 1,1-Dichloroethene	4.039	96	17233	2.508	ug/L	96
13) Acetone	4.124	43	10039	4.501	ug/L	94
14) Carbon disulfide	4.387	76	56167	2.654	ug/L	99
15) Methyl Acetate	4.673	43	9273	2.380	ug/L #	76
16) Methylene chloride	4.917	84	34477	3.626	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	19290	2.630	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	30535	2.412	ug/L	95
19) 1,1-Dichloroethane	6.215	63	37170	2.483	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	21072	2.543	ug/L	96
22) 2-Butanone	7.173	43	19701m	5.771	ug/L	
23) Bromochloromethane	7.520	128	8635	2.525	ug/L	91
25) Chloroform	7.679	83	35192	2.512	ug/L	98
27) 1,2-Dichloroethane	8.398	62	22825	2.399	ug/L	97
29) Cyclohexane	7.953	56	37656	2.667	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	29117	2.567	ug/L	98
31) Carbon tetrachloride	8.075	117	26649	2.606	ug/L	97
33) Benzene	8.325	78	78786	2.593	ug/L	100
34) Trichloroethene	9.093	95	20270	2.525	ug/L	97
35) Methylcyclohexane	9.331	83	37482	2.611	ug/L	97
37) 1,2-Dichloropropane	9.367	63	21403	2.605	ug/L	98
38) Bromodichloromethane	9.642	83	25129	2.487	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	33829	2.492	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	27355	4.841	ug/L	98
42) Toluene	10.385	91	83193	2.610	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	28467	2.486	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	13842	2.448	ug/L	94
46) Tetrachloroethene	10.861	164	14750	2.661	ug/L	94
48) 2-Hexanone	10.971	43	18321	4.381	ug/L	99
49) Dibromochloromethane	11.129	129	15675	2.496	ug/L	96
50) 1,2-Dibromoethane	11.233	107	13494	2.462	ug/L	91
51) Chlorobenzene	11.654	112	51239	2.567	ug/L	98
52) Ethylbenzene	11.727	91	94834	2.560	ug/L	93
53) m,p-Xylene	11.836	106	35893	2.555	ug/L	97
54) o-Xylene	12.166	106	34429	2.559	ug/L	97
55) Styrene	12.178	104	57916	2.520	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	16716	2.422	ug/L	99
59) Bromoform	12.349	173	7953	2.269	ug/L #	95
60) Isopropylbenzene	12.458	105	94709	2.559	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	12667	2.463	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	80016	2.592	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	76703	2.540	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	37232	2.481	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	39700	2.649	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	34432	2.586	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	3268	2.542	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	25935	2.662	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	22031	2.657	ug/L	97
71) Naphthalene	15.360	128	43421	2.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	18809	2.759	ug/L	95

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

