

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026670.D
 Acq On : 10 Aug 2023 10:20
 Operator : SY/MD
 Sample : VSTD2.520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5420

Quant Time: Aug 11 01:25:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 01:25:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/11/2023
 Supervised By :Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	497652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	486509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	247526	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21974	2.686	ug/L	0.00
7) Chloroethane-d5	2.899	69	16224	2.700	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10523	2.615	ug/L	0.00
21) 2-Butanone-d5	7.093	46	12003	5.134	ug/L	0.01
24) Chloroform-d	7.648	84	43942	2.631	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	23848	2.587	ug/L	0.00
32) Benzene-d6	8.276	84	84610	2.523	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	27434	2.627	ug/L	0.00
41) Toluene-d8	10.325	98	67125	2.332	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	10039	2.328	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	4254	3.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	20641	2.503	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	22077	2.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	16145	2.356	ug/L	97
3) Chloromethane	2.216	50	21555	2.330	ug/L	96
5) Vinyl chloride	2.375	62	23295	2.634	ug/L	96
6) Bromomethane	2.783	94	13750	2.664	ug/L	93
8) Chloroethane	2.936	64	13287	2.507	ug/L	98
9) Trichlorofluoromethane	3.265	101	15970	2.200	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	21756m	2.803	ug/L	
12) 1,1-Dichloroethene	4.039	96	18209m	2.476	ug/L	
13) Acetone	4.131	43	10979	4.741	ug/L	92
14) Carbon disulfide	4.393	76	65160	2.462	ug/L	95
15) Methyl Acetate	4.673	43	12231m	2.612	ug/L	
16) Methylene chloride	4.923	84	50594	5.256	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	19555	2.382	ug/L	89
18) Methyl tert-butyl Ether	5.417	73	26707	2.150	ug/L	96
19) 1,1-Dichloroethane	6.216	63	41784	2.473	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	19798	2.244	ug/L	93
22) 2-Butanone	7.173	43	18879m	5.479	ug/L	
23) Bromochloromethane	7.514	128	9203	2.415	ug/L	91
25) Chloroform	7.679	83	39907	2.445	ug/L	96
27) 1,2-Dichloroethane	8.398	62	27560	2.421	ug/L	98
29) Cyclohexane	7.959	56	30166	2.005	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	31484	2.480	ug/L	96
31) Carbon tetrachloride	8.069	117	29864	2.572	ug/L	99
33) Benzene	8.325	78	83561	2.359	ug/L	100
34) Trichloroethene	9.093	95	22317	2.473	ug/L	92
35) Methylcyclohexane	9.337	83	32246	2.089	ug/L	93
37) 1,2-Dichloropropane	9.367	63	23511	2.423	ug/L	98
38) Bromodichloromethane	9.642	83	26562	2.333	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	30476	2.183	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	25656	4.064	ug/L	99
42) Toluene	10.386	91	78562	2.192	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	26157	2.177	ug/L	97

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

45) 1,1,2-Trichloroethane	10.782	97	16521	2.489	ug/L	93
46) Tetrachloroethene	10.861	164	16416	2.504	ug/L	98
48) 2-Hexanone	10.971	43	15677	3.650	ug/L	95
49) Dibromochloromethane	11.129	129	16452	2.370	ug/L	92
50) 1,2-Dibromoethane	11.233	107	14490	2.327	ug/L #	98
51) Chlorobenzene	11.654	112	56179	2.482	ug/L	96
52) Ethylbenzene	11.727	91	85480	2.127	ug/L	100
53) m,p-Xylene	11.836	106	31613	2.123	ug/L	92
54) o-Xylene	12.166	106	28267	2.034	ug/L	100
55) Styrene	12.178	104	47982	1.986	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	20445	2.432	ug/L	90
59) Bromoform	12.342	173	9659	2.491	ug/L	99
60) Isopropylbenzene	12.464	105	76687	2.084	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	15287	2.546	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	56417	1.940	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	53822	1.888	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	37733	2.358	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	41495	2.484	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	35416	2.433	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	3635	2.531	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.629	180	24940	2.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	19132	2.087	ug/L	93
71) Naphthalene	15.360	128	31606	1.807	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	17130	2.072	ug/L	97

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

