

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026511.D
 Acq On : 03 Jul 2023 16:18
 Operator : SY/MD
 Sample : VSTD2.578
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5478

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 01:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	725173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	636893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	315082	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21488m	2.135	ug/L	0.00
7) Chloroethane-d5	2.887	69	16644	2.048	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11299m	2.273	ug/L	0.00
21) 2-Butanone-d5	7.087	46	18327	4.595	ug/L	0.01
24) Chloroform-d	7.648	84	48922	2.326	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	29978	2.452	ug/L	0.00
32) Benzene-d6	8.276	84	99523	2.330	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	32965	2.419	ug/L	0.00
41) Toluene-d8	10.325	98	92948	2.429	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	12328	2.256	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	10785	4.299	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.696	84	26864	2.422	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	28989	2.430	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17108m	2.189	ug/L	
3) Chloromethane	2.223	50	26515	2.137	ug/L	99
5) Vinyl chloride	2.375	62	25036	2.099	ug/L	92
6) Bromomethane	2.783	94	14274	2.094	ug/L	93
8) Chloroethane	2.924	64	15869	2.262	ug/L	99
9) Trichlorofluoromethane	3.265	101	16063	1.996	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	24001m	2.519	ug/L	
12) 1,1-Dichloroethene	4.051	96	21053m	2.313	ug/L	
13) Acetone	4.125	43	12665	5.054	ug/L	95
14) Carbon disulfide	4.393	76	67902	2.363	ug/L	97
15) Methyl Acetate	4.667	43	15706m	2.461	ug/L	
16) Methylene chloride	4.917	84	48162	3.847	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	22713	2.273	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	38290	2.236	ug/L #	86
19) 1,1-Dichloroethane	6.216	63	48112	2.277	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	25346	2.242	ug/L	94
22) 2-Butanone	7.179	43	19217	4.325	ug/L	99
23) Bromochloromethane	7.514	128	11049	2.311	ug/L	92
25) Chloroform	7.679	83	46178	2.347	ug/L	94
27) 1,2-Dichloroethane	8.404	62	33591	2.344	ug/L	100
29) Cyclohexane	7.953	56	40510	2.149	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	34847	2.336	ug/L	96
31) Carbon tetrachloride	8.069	117	30373	2.264	ug/L	96
33) Benzene	8.325	78	102464	2.367	ug/L	100
34) Trichloroethene	9.093	95	26364	2.375	ug/L	97
35) Methylcyclohexane	9.331	83	42620	2.246	ug/L	96
37) 1,2-Dichloropropane	9.368	63	27955	2.354	ug/L	98
38) Bromodichloromethane	9.648	83	30987	2.232	ug/L #	93
39) cis-1,3-Dichloropropene	10.075	75	37544	2.163	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	37202	4.146	ug/L	98
42) Toluene	10.386	91	102636	2.325	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	30236	2.071	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026511.D
 Acq On : 03 Jul 2023 16:18
 Operator : SY/MD
 Sample : VSTD2.578
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5478

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 01:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	18744	2.276	ug/L	96
46) Tetrachloroethene	10.861	164	17711	2.370	ug/L	86
48) 2-Hexanone	10.971	43	25187	4.158	ug/L #	97
49) Dibromochloromethane	11.129	129	18490	2.189	ug/L	92
50) 1,2-Dibromoethane	11.233	107	18004	2.330	ug/L	95
51) Chlorobenzene	11.654	112	65128	2.369	ug/L	97
52) Ethylbenzene	11.727	91	113551	2.274	ug/L	99
53) m,p-Xylene	11.837	106	40611	2.203	ug/L	91
54) o-Xylene	12.166	106	40489	2.302	ug/L	95
55) Styrene	12.178	104	64052	2.139	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	25432	2.380	ug/L	97
59) Bromoform	12.349	173	10720	2.176	ug/L	97
60) Isopropylbenzene	12.465	105	108324	2.209	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	18865	2.310	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	84031	2.122	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	77354	2.026	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	47513	2.313	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	48531	2.352	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	44100	2.399	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	4893	2.504	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	32002	2.354	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	27126	2.315	ug/L	100
71) Naphthalene	15.360	128	54688	2.103	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	24880	2.381	ug/L	97

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

