

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021058.D
 Acq On : 03 Dec 2021 11:20
 Operator : SY/VA
 Sample : VSTD2.525
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 03 18:34:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	115916	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	107945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3580	2.260	ug/L	0.00
7) Chloroethane-d5	2.879	69	2230	2.067	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	6324m	2.496	ug/L	0.00
21) 2-Butanone-d5	7.080	46	2002m	5.492	ug/L	0.00
24) Chloroform-d	7.647	84	6768	2.364	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	3949	2.576	ug/L	0.00
32) Benzene-d6	8.275	84	13453	2.486	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	3838	2.560	ug/L	0.00
41) Toluene-d8	10.323	98	13691	2.485	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1523	2.210	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1409	4.910	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	3474	2.515	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5278	2.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	920	1.585	ug/L	98
3) Chloromethane	2.209	50	3330	2.670	ug/L	99
5) Vinyl chloride	2.361	62	5466	2.530	ug/L	97
6) Bromomethane	2.776	94	3588	2.438	ug/L	97
8) Chloroethane	2.916	64	2095	2.272	ug/L	90
9) Trichlorofluoromethane	3.257	101	2764	2.613	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	4289	2.651	ug/L	# 64
12) 1,1-Dichloroethene	4.044	96	3532	2.343	ug/L	# 63
13) Acetone	4.123	43	2360	7.045	ug/L	99
14) Carbon disulfide	4.379	76	9778	2.394	ug/L	99
15) Methyl Acetate	4.672	43	1663	2.817	ug/L	95
16) Methylene chloride	4.915	84	6739	3.798	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	3962	2.499	ug/L	80
18) Methyl tert-butyl Ether	5.421	73	6386m	2.691	ug/L	
19) 1,1-Dichloroethane	6.208	63	6391	2.548	ug/L	91
20) cis-1,2-Dichloroethene	7.165	96	4348	2.605	ug/L	72
22) 2-Butanone	7.177	43	3028m	6.509	ug/L	
23) Bromochloromethane	7.513	128	1976	2.537	ug/L	# 60
25) Chloroform	7.671	83	7310	2.618	ug/L	96
27) 1,2-Dichloroethane	8.397	62	4636	2.523	ug/L	99
29) Cyclohexane	7.951	56	5724	2.418	ug/L	# 83
30) 1,1,1-Trichloroethane	7.872	97	5977	2.371	ug/L	93
31) Carbon tetrachloride	8.061	117	5381	2.325	ug/L	98
33) Benzene	8.317	78	15868	2.600	ug/L	100
34) Trichloroethene	9.085	95	4167	2.467	ug/L	89
35) Methylcyclohexane	9.335	83	6852	2.407	ug/L	86
37) 1,2-Dichloropropane	9.366	63	3569	2.598	ug/L	99
38) Bromodichloromethane	9.646	83	4471	2.316	ug/L	# 92
39) cis-1,3-Dichloropropene	10.073	75	5076	2.288	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	5264	5.693	ug/L	# 94
42) Toluene	10.384	91	17064	2.472	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	4539	2.278	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021058.D
 Acq On : 03 Dec 2021 11:20
 Operator : SY/VA
 Sample : VSTD2.525
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Quant Time: Dec 03 18:34:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/06/2021

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

45) 1,1,2-Trichloroethane	10.786	97	2911	2.502	ug/L	94
46) Tetrachloroethene	10.860	164	3784	2.428	ug/L	94
48) 2-Hexanone	10.963	43	3439	5.161	ug/L #	98
49) Dibromochloromethane	11.128	129	3350	2.359	ug/L	89
50) 1,2-Dibromoethane	11.231	107	2842	2.436	ug/L	99
51) Chlorobenzene	11.658	112	11736	2.525	ug/L	90
52) Ethylbenzene	11.731	91	19016	2.431	ug/L	97
53) m,p-Xylene	11.841	106	7809	2.403	ug/L	77
54) o-Xylene	12.164	106	7146	2.366	ug/L	88
55) Styrene	12.176	104	11156	2.149	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	3279	2.381	ug/L #	94
59) Bromoform	12.347	173	1734	2.073	ug/L	93
60) Isopropylbenzene	12.463	105	19272	2.360	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	2568	2.622	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.938	105	15749	2.301	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	16235	2.354	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	9713	2.521	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	9846	2.561	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	8813	2.576	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	597m	2.784	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	7418	2.640	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	6187	2.696	ug/L	96
71) Naphthalene	15.365	128	11313	2.624	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	5529	2.730	ug/L	98

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

