

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071123\
 Data File : VW026589.D
 Acq On : 11 Jul 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Jul 12 07:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 12 07:03:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/12/2023
 Supervised By : Mahesh Dadoda 07/12/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	684968	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	230591	19.958	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.840%		
7) Chloroethane-d5	2.893	69	173182	21.361	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.440%		
11) 1,1-Dichloroethene-d2	4.021	65	112987	20.823	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.280%		
21) 2-Butanone-d5	7.075	46	190050	50.896	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.800%		
24) Chloroform-d	7.648	84	446695	22.651	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.600%		
26) 1,2-Dichloroethane-d4	8.307	65	248130	22.535	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.120%		
32) Benzene-d6	8.276	84	932256	23.184	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.720%		
36) 1,2-Dichloropropane-d6	9.270	67	285723	23.108	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.440%		
41) Toluene-d8	10.325	98	809518	23.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.880%		
43) trans-1,3-Dichloroprop...	10.574	79	115657	23.342	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.360%		
47) 2-Hexanone-d5	10.922	63	137664	57.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252297	24.096	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	246080	22.593	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	192102m	24.862	ug/L	
3) Chloromethane	2.222	50	245691	22.255	ug/L	99
5) Vinyl chloride	2.375	62	254486	21.872	ug/L	98
6) Bromomethane	2.789	94	139763	22.597	ug/L	98
8) Chloroethane	2.936	64	149420	22.967	ug/L	96
9) Trichlorofluoromethane	3.265	101	191238	22.191	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219428	22.943	ug/L	99
12) 1,1-Dichloroethene	4.045	96	213918	23.313	ug/L	92
13) Acetone	4.118	43	137542	51.207	ug/L	96
14) Carbon disulfide	4.387	76	743118	23.102	ug/L	98
15) Methyl Acetate	4.667	43	166463	25.795	ug/L	99
16) Methylene chloride	4.923	84	239484	19.791	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	236784	24.134	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	390886	25.456	ug/L	99
19) 1,1-Dichloroethane	6.215	63	469675	23.944	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	248159	24.426	ug/L	99
22) 2-Butanone	7.167	43	219785	53.734	ug/L	99
23) Bromochloromethane	7.520	128	103687	23.826	ug/L	94
25) Chloroform	7.679	83	431937	24.033	ug/L	100

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	311372	24.610	ug/L	98
29) Cyclohexane	7.959	56	471363	25.845	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	358742	24.987	ug/L	99
31) Carbon tetrachloride	8.069	117	318731	24.456	ug/L	99
33) Benzene	8.325	78	993858	24.624	ug/L	100
34) Trichloroethene	9.093	95	256680	24.758	ug/L	95
35) Methylcyclohexane	9.337	83	485634	26.087	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269404	25.135	ug/L	99
38) Bromodichloromethane	9.642	83	300687	24.692	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	392772	25.453	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	460458	56.917	ug/L	99
42) Toluene	10.385	91	1036398	25.427	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	340568	26.168	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	191283	25.570	ug/L	99
46) Tetrachloroethene	10.861	164	188120	25.559	ug/L	91
48) 2-Hexanone	10.965	43	323465	57.292	ug/L	96
49) Dibromochloromethane	11.129	129	183662	24.795	ug/L	98
50) 1,2-Dibromoethane	11.233	107	184354	26.143	ug/L	96
51) Chlorobenzene	11.654	112	607856	24.323	ug/L	99
52) Ethylbenzene	11.727	91	1158166	25.523	ug/L	98
53) m,p-Xylene	11.836	106	430048	26.050	ug/L	94
54) o-Xylene	12.166	106	395819	25.544	ug/L	97
55) Styrene	12.178	104	689751	26.390	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	256609	26.138	ug/L	99
59) Bromoform	12.342	173	113332	24.154	ug/L	95
60) Isopropylbenzene	12.458	105	1137643	24.785	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	198607	24.786	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	912228	25.912	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	891184	25.532	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	450826	23.407	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	447123	23.277	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	404950	23.757	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	47781	25.054	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.629	180	298015	23.382	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	248544	23.763	ug/L	98
71) Naphthalene	15.360	128	614145	25.928	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	234585	23.824	ug/L	99

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

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