

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100622\
 Data File : VW024769.D
 Acq On : 06 Oct 2022 19:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Oct 07 03:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	532440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	492919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240053	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128702	23.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.400%		
7) Chloroethane-d5	2.885	69	75382	23.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.160%		
11) 1,1-Dichloroethene-d2	4.025	63	306259	23.753	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.000%		
21) 2-Butanone-d5	7.080	46	111897	55.870	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.740%		
24) Chloroform-d	7.653	84	371170	26.076	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.320%		
26) 1,2-Dichloroethane-d4	8.305	65	194260	26.308	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.240%		
32) Benzene-d6	8.275	84	721191	22.891	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.560%		
36) 1,2-Dichloropropane-d6	9.274	67	234662	24.378	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.520%		
41) Toluene-d8	10.323	98	634286	22.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.120%		
43) trans-1,3-Dichloroprop...	10.579	79	89652	20.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.640%		
47) 2-Hexanone-d5	10.920	63	88668	53.836	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.680%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193939	28.276	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.120%		
66) 1,2-Dichlorobenzene-d4	13.847	152	206524	24.449	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	47696m	14.591	ug/L	
3) Chloromethane	2.215	50	130663	20.526	ug/L	99
5) Vinyl chloride	2.361	62	202414	30.926	ug/L	100
6) Bromomethane	2.776	94	86768	28.725	ug/L	99
8) Chloroethane	2.922	64	73391	26.597	ug/L	100
9) Trichlorofluoromethane	3.257	101	103679	28.314	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	204520	29.285	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	196391	28.196	ug/L	91
13) Acetone	4.141	43	67006	45.855	ug/L	98
14) Carbon disulfide	4.385	76	593855	27.007	ug/L	99
15) Methyl Acetate	4.678	43	92651	28.634	ug/L	97
16) Methylene chloride	4.922	84	232232	22.209	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	219784	28.083	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	349514	28.167	ug/L	99
19) 1,1-Dichloroethane	6.220	63	415073	28.348	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	239210	28.487	ug/L	100
22) 2-Butanone	7.177	43	119222	51.009	ug/L	99
23) Bromochloromethane	7.513	128	98470	28.852	ug/L	96
25) Chloroform	7.677	83	403356	29.051	ug/L	99

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27) 1,2-Dichloroethane	8.397	62	256729	29.385	ug/L	99
29) Cyclohexane	7.952	56	384278	25.030	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306077	25.661	ug/L	97
31) Carbon tetrachloride	8.067	117	261664	25.906	ug/L	97
33) Benzene	8.323	78	928445	26.911	ug/L	100
34) Trichloroethene	9.092	95	231762	26.504	ug/L	98
35) Methylcyclohexane	9.335	83	403548	25.175	ug/L	99
37) 1,2-Dichloropropane	9.366	63	237302	27.862	ug/L	99
38) Bromodichloromethane	9.646	83	284545	27.159	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	345989	25.689	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	281173	55.773	ug/L	99
42) Toluene	10.384	91	967064	27.144	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	287528	24.900	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	165227	28.401	ug/L	99
46) Tetrachloroethene	10.860	164	157950	26.585	ug/L	95
48) 2-Hexanone	10.969	43	189484	55.584	ug/L	98
49) Dibromochloromethane	11.128	129	179728	27.435	ug/L	99
50) 1,2-Dibromoethane	11.231	107	153555	27.886	ug/L	94
51) Chlorobenzene	11.652	112	595683	27.307	ug/L	98
52) Ethylbenzene	11.731	91	1079763	27.515	ug/L	99
53) m,p-Xylene	11.835	106	410018	26.757	ug/L	96
54) o-Xylene	12.164	106	396600	27.407	ug/L	96
55) Styrene	12.176	104	690577	28.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	199586	29.300	ug/L	100
59) Bromoform	12.347	173	84809	24.994	ug/L	99
60) Isopropylbenzene	12.463	105	1070815	27.369	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	144901	28.022	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	909648	26.750	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	902390	27.088	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	427561	26.899	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	424475	27.433	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	387989	28.024	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	29282	23.946	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	267312	25.328	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	228558	25.778	ug/L	96
71) Naphthalene	15.359	128	505757	26.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	191156	25.333	ug/L	97

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

