

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024836.D
 Acq On : 11 Oct 2022 04:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: Oct 11 06:38:21 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 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	504635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	465278	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	222461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	136045	25.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.080%
7) Chloroethane-d5	2.885	69	75554	24.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.520%
11) 1,1-Dichloroethene-d2	4.025	63	286231	23.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.680%
21) 2-Butanone-d5	7.080	46	91853	48.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
24) Chloroform-d	7.647	84	340643	25.250	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.305	65	178092	25.448	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	8.275	84	705968	23.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.274	67	215058	23.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.680%
41) Toluene-d8	10.323	98	631071	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.579	79	80856	19.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.920%
47) 2-Hexanone-d5	10.921	63	73005	46.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	160204	24.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	193109	24.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	45153m	14.574	ug/L	
3) Chloromethane	2.215	50	111775	18.526	ug/L	98
5) Vinyl chloride	2.361	62	158835	25.605	ug/L	97
6) Bromomethane	2.776	94	73715	25.748	ug/L	97
8) Chloroethane	2.916	64	62594	23.934	ug/L	99
9) Trichlorofluoromethane	3.257	101	70906	20.431	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	163984	24.774	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	157375	23.839	ug/L	92
13) Acetone	4.123	43	58605	42.316	ug/L	96
14) Carbon disulfide	4.385	76	469992	22.552	ug/L	99
15) Methyl Acetate	4.672	43	77366	25.228	ug/L	98
16) Methylene chloride	4.916	84	208248	21.013	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	176804	23.836	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	278896	23.714	ug/L	99
19) 1,1-Dichloroethane	6.214	63	339703	24.479	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	200082	25.140	ug/L	96
22) 2-Butanone	7.171	43	105005	47.401	ug/L	99
23) Bromochloromethane	7.513	128	82582	25.530	ug/L	96
25) Chloroform	7.677	83	336719	25.588	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	217211	26.232	ug/L	99
29) Cyclohexane	7.958	56	296295	20.446	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	254128	22.572	ug/L	98
31) Carbon tetrachloride	8.067	117	214850	22.535	ug/L	98
33) Benzene	8.323	78	771867	23.702	ug/L	100
34) Trichloroethene	9.092	95	189981	23.017	ug/L	96
35) Methylcyclohexane	9.335	83	313648	20.729	ug/L	99
37) 1,2-Dichloropropane	9.366	63	196396	24.429	ug/L	100
38) Bromodichloromethane	9.646	83	247242	25.001	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	283384	22.290	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	234802	49.342	ug/L	99
42) Toluene	10.384	91	798678	23.749	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	233261	21.400	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	141445	25.758	ug/L	98
46) Tetrachloroethene	10.860	164	124788	22.251	ug/L	93
48) 2-Hexanone	10.969	43	158471	49.248	ug/L	98
49) Dibromochloromethane	11.128	129	152864	24.721	ug/L	96
50) 1,2-Dibromoethane	11.231	107	127462	24.522	ug/L	99
51) Chlorobenzene	11.658	112	493205	23.953	ug/L	95
52) Ethylbenzene	11.725	91	892473	24.094	ug/L	97
53) m,p-Xylene	11.835	106	340319	23.528	ug/L	99
54) o-Xylene	12.164	106	332802	24.364	ug/L	99
55) Styrene	12.176	104	578209	25.110	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	167976	26.125	ug/L	98
59) Bromoform	12.347	173	77371	24.605	ug/L	98
60) Isopropylbenzene	12.463	105	884615	24.398	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	122934	25.654	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	766344	24.318	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	759425	24.599	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	364623	24.754	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	368664	25.710	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	327162	25.500	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	25921	22.874	ug/L	99
69) 1,3,5-Trichlorobenzene	14.621	180	237098	24.242	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	195438	23.786	ug/L	92
71) Naphthalene	15.359	128	433664	24.240	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	161548	23.102	ug/L	98

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

