

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029893.D
 Acq On : 12 Aug 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Aug 13 01:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	220866	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	204147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43249	13.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.160%
7) Chloroethane-d5	2.899	69	43321	19.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	4.015	65	21376	14.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.720%
21) 2-Butanone-d5	7.081	46	34884	40.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.180%
24) Chloroform-d	7.648	84	137601	24.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	8.306	65	73738	22.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.270	84	228377	20.704	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	9.270	67	73547	20.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.520%
41) Toluene-d8	10.318	98	208235	21.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.574	79	30798	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.922	63	26635	45.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	69510	26.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	78701	25.167	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60406	20.290	ug/L	93
3) Chloromethane	2.222	50	70347	19.095	ug/L	99
5) Vinyl chloride	2.375	62	91327	22.125	ug/L	98
6) Bromomethane	2.789	94	65069	28.707	ug/L	99
8) Chloroethane	2.936	64	61140	26.036	ug/L	96
9) Trichlorofluoromethane	3.265	101	73051	22.156	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	80808m	24.607	ug/L	
12) 1,1-Dichloroethene	4.039	96	71975	23.854	ug/L	86
13) Acetone	4.130	43	35979	33.687	ug/L	97
14) Carbon disulfide	4.393	76	199931	19.911	ug/L	100
15) Methyl Acetate	4.679	43	33083m	18.597	ug/L	
16) Methylene chloride	4.911	84	91870	19.897	ug/L	84
17) trans-1,2-Dichloroethene	5.423	96	80130	24.644	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	137474	25.653	ug/L	98
19) 1,1-Dichloroethane	6.215	63	152776	22.278	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	90905	25.774	ug/L	94
22) 2-Butanone	7.173	43	46004	33.617	ug/L	86
23) Bromochloromethane	7.508	128	39997	26.712	ug/L #	73
25) Chloroform	7.672	83	168650	26.103	ug/L	95

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27) 1,2-Dichloroethane	8.398	62	113502	24.105	ug/L	98
29) Cyclohexane	7.953	56	111412	19.204	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	130333	25.211	ug/L	96
31) Carbon tetrachloride	8.069	117	113742	24.417	ug/L	94
33) Benzene	8.319	78	338346	24.189	ug/L	100
34) Trichloroethene	9.093	95	91399	24.926	ug/L	98
35) Methylcyclohexane	9.331	83	139690	22.862	ug/L	90
37) 1,2-Dichloropropane	9.367	63	86750	22.632	ug/L	98
38) Bromodichloromethane	9.642	83	119326	26.142	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	135266	24.231	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	97538	40.061	ug/L #	91
42) Toluene	10.385	91	369891	25.907	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	114456	24.698	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67820	26.337	ug/L	97
46) Tetrachloroethene	10.855	164	62990	23.635	ug/L	89
48) 2-Hexanone	10.965	43	71066	38.972	ug/L #	94
49) Dibromochloromethane	11.123	129	75402	28.206	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63085	26.477	ug/L	90
51) Chlorobenzene	11.653	112	231556	26.073	ug/L	95
52) Ethylbenzene	11.727	91	425654	26.429	ug/L	98
53) m,p-Xylene	11.836	106	155424	26.240	ug/L	99
54) o-Xylene	12.159	106	150948	27.674	ug/L	92
55) Styrene	12.178	104	264631	27.990	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	81656	25.835	ug/L #	94
59) Bromoform	12.348	173	43519	28.718	ug/L	99
60) Isopropylbenzene	12.458	105	418363	26.846	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57379	23.426	ug/L	93
62) 1,3,5-Trimethylbenzene	12.934	105	350916	30.294	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	346241	27.949	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183561	27.607	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	184542	27.020	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	170090	28.098	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	12814	23.040	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.622	180	120659	26.523	ug/L	93
70) 1,2,4-trichlorobenzene	15.128	180	109982	28.697	ug/L	95
71) Naphthalene	15.360	128	211837	28.968	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	92408	26.639	ug/L	94

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

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