

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024900.D
 Acq On : 13 Oct 2022 12:58
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Quant Time: Oct 14 02:29:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2022
 Supervised By :Mahesh Dadoda 10/17/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	442229	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	408172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189079	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120757	23.146	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.600%		
7) Chloroethane-d5	2.885	69	68703	22.491	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.960%		
11) 1,1-Dichloroethene-d2	4.019	63	202250	17.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.320%		
21) 2-Butanone-d5	7.080	46	78908	47.733	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.460%		
24) Chloroform-d	7.653	84	281502	22.568	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.280%		
26) 1,2-Dichloroethane-d4	8.311	65	152290	23.329	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.320%		
32) Benzene-d6	8.275	84	611805	23.903	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.600%		
36) 1,2-Dichloropropane-d6	9.274	67	185971	23.689	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.760%		
41) Toluene-d8	10.323	98	552522	24.051	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.200%		
43) trans-1,3-Dichloroprop...	10.579	79	69521	23.350	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.400%		
47) 2-Hexanone-d5	10.927	63	59772	45.413	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.820%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	139241	22.743	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.960%		
66) 1,2-Dichlorobenzene-d4	13.853	152	162728	23.551	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.200%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8342m	1.317	ug/L	
12) 1,1-Dichloroethene	4.050	96	7865	1.313	ug/L #	1
13) Acetone	4.135	43	4293m	3.711	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	5659	0.868	ug/L	87
18) Methyl tert-butyl Ether	5.434	73	8709	0.899	ug/L #	77
19) 1,1-Dichloroethane	6.220	63	10851	0.899	ug/L #	91
20) cis-1,2-Dichloroethene	7.171	96	6409	0.909	ug/L	86
22) 2-Butanone	7.177	43	5060m	2.622	ug/L	
23) Bromochloromethane	7.519	128	2387	0.828	ug/L	96
25) Chloroform	7.677	83	11591	0.979	ug/L	97
27) 1,2-Dichloroethane	8.397	62	6882	0.899	ug/L	96
29) Cyclohexane	7.958	56	9809	0.827	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	8222	0.876	ug/L	97
31) Carbon tetrachloride	8.067	117	7141	0.866	ug/L	96
33) Benzene	8.329	78	27893m	1.004	ug/L	
34) Trichloroethene	9.092	95	6270	0.897	ug/L	87
35) Methylcyclohexane	9.335	83	10552	0.838	ug/L	99
37) 1,2-Dichloropropane	9.366	63	6225	0.900	ug/L	100
38) Bromodichloromethane	9.646	83	7345	0.859	ug/L #	89

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39) cis-1,3-Dichloropropene	10.073	75	7853m	0.785	ug/L	
45) 1,1,2-Trichloroethane	10.792	97	4111	0.850	ug/L	94
46) Tetrachloroethene	10.860	164	4324	0.909	ug/L	85
49) Dibromochloromethane	11.128	129	4453	0.832	ug/L	97
50) 1,2-Dibromoethane	11.231	107	3727	0.818	ug/L	99
51) Chlorobenzene	11.658	112	15704	0.878	ug/L	92
52) Ethylbenzene	11.725	91	27216	0.854	ug/L	100
53) m,p-Xylene	11.841	106	10153	0.838	ug/L	82
54) o-Xylene	12.164	106	9914	0.860	ug/L	97
55) Styrene	12.182	104	16374	0.828	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	5949	1.009	ug/L #	92
59) Bromoform	12.353	173	2180	0.862	ug/L #	96
60) Isopropylbenzene	12.463	105	26111	0.856	ug/L	96
61) 1,2,3-Trichloropropane	12.762	75	3884	0.934	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	22412	0.856	ug/L	96
63) 1,2,4-Trimethylbenzene	13.243	105	21078	0.835	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	11465	0.923	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	11702	0.931	ug/L #	82
67) 1,2-Dichlorobenzene	13.871	146	10816	0.980	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	831m	0.920	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	7293	0.899	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	5442	0.827	ug/L	99
71) Naphthalene	15.359	128	10287	0.722	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	4466	0.795	ug/L	93

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

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