

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024705.D
 Acq On : 03 Oct 2022 11:59
 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

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 07:50:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	507638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	239348	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140204	23.366	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.480%		
7) Chloroethane-d5	2.891	69	75158	21.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	4.019	63	211184	15.206	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.840%		
21) 2-Butanone-d5	7.080	46	99062	45.919	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.840%		
24) Chloroform-d	7.647	84	340155	22.186	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.760%		
26) 1,2-Dichloroethane-d4	8.305	65	179253m	22.537	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.160%		
32) Benzene-d6	8.275	84	714044	22.007	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.040%		
36) 1,2-Dichloropropane-d6	9.274	67	222365	22.430	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.720%		
41) Toluene-d8	10.323	98	625013	21.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	10.579	79	80613	18.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.040%		
47) 2-Hexanone-d5	10.927	63	74463	43.900	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.800%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	167065	23.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.600%		
66) 1,2-Dichlorobenzene-d4	13.847	152	194042	23.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	10937m	1.454	ug/L	
12) 1,1-Dichloroethene	4.050	96	10626	1.416	ug/L #	1
13) Acetone	4.129	43	5610	3.564	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	7560	0.897	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	11179	0.836	ug/L #	83
19) 1,1-Dichloroethane	6.214	63	13392	0.849	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	8097	0.895	ug/L	97
22) 2-Butanone	7.171	43	6805m	2.703	ug/L	
23) Bromochloromethane	7.513	128	3260	0.887	ug/L	95
25) Chloroform	7.677	83	14443	0.966	ug/L	86
27) 1,2-Dichloroethane	8.403	62	8871	0.943	ug/L	98
29) Cyclohexane	7.952	56	13257	0.838	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	10176	0.828	ug/L	99
31) Carbon tetrachloride	8.073	117	8166	0.785	ug/L	99
33) Benzene	8.323	78	31590m	0.889	ug/L	
34) Trichloroethene	9.098	95	7495	0.832	ug/L	92
35) Methylcyclohexane	9.335	83	12789	0.775	ug/L	91
37) 1,2-Dichloropropane	9.366	63	7984	0.910	ug/L #	97
38) Bromodichloromethane	9.646	83	9168	0.850	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024705.D
 Acq On : 03 Oct 2022 11:59
 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

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 07:50:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	10.073	75	10535	0.760	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	9583	1.846	ug/L	100
42) Toluene	10.384	91	37503	1.022	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	5288	0.883	ug/L	94
46) Tetrachloroethene	10.860	164	5350	0.874	ug/L	89
49) Dibromochloromethane	11.128	129	5118	0.759	ug/L	95
50) 1,2-Dibromoethane	11.231	107	5097	0.899	ug/L	94
51) Chlorobenzene	11.658	112	19571	0.871	ug/L	98
52) Ethylbenzene	11.725	91	35380	0.875	ug/L	93
53) m,p-Xylene	11.835	106	13940	0.883	ug/L	94
54) o-Xylene	12.164	106	12332	0.827	ug/L	99
55) Styrene	12.182	104	21522	0.857	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.707	83	6985	0.996	ug/L #	92
60) Isopropylbenzene	12.463	105	34087	0.874	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	4947	0.960	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	29010	0.856	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	29762	0.896	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	14700	0.928	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	14972	0.970	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	13421	0.972	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	885m	0.726	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	10137	0.963	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	7781	0.880	ug/L	92
71) Naphthalene	15.359	128	14492	0.753	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	6474	0.860	ug/L	98

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

