

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024898.D
 Acq On : 13 Oct 2022 12:10
 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

Quant Time: Oct 14 02:24:25 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462446	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	421622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127894	23.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
7) Chloroethane-d5	2.885	69	71914	22.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	4.019	63	220707m	18.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.440%
21) 2-Butanone-d5	7.080	46	92374	53.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.880%
24) Chloroform-d	7.647	84	307878	23.604	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.305	65	168000	24.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.440%
32) Benzene-d6	8.275	84	655068	24.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	9.274	67	199000	24.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.323	98	586161	24.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	10.579	79	75739	24.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.927	63	71284	52.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	156127	24.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	178448	24.071	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.044	96	8431	1.346	ug/L #	1
13) Acetone	4.141	43	4985	4.121	ug/L	67
17) trans-1,2-Dichloroethene	5.428	96	6101m	0.895	ug/L	
18) Methyl tert-butyl Ether	5.428	73	10420	1.028	ug/L #	83
19) 1,1-Dichloroethane	6.214	63	11670	0.925	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	6663	0.904	ug/L	94
22) 2-Butanone	7.177	43	6723m	3.332	ug/L	
23) Bromochloromethane	7.519	128	2808	0.931	ug/L #	92
25) Chloroform	7.683	83	12522	1.011	ug/L	100
27) 1,2-Dichloroethane	8.397	62	8426	1.052	ug/L	100
29) Cyclohexane	7.958	56	9829	0.803	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	9163	0.945	ug/L	99
31) Carbon tetrachloride	8.067	117	8177	0.960	ug/L	96
33) Benzene	8.330	78	31623m	1.102	ug/L	
34) Trichloroethene	9.092	95	6425	0.889	ug/L	92
35) Methylcyclohexane	9.342	83	10426	0.802	ug/L	94
37) 1,2-Dichloropropane	9.366	63	6968	0.975	ug/L #	91
38) Bromodichloromethane	9.646	83	8390	0.950	ug/L	87
39) cis-1,3-Dichloropropene	10.073	75	9800m	0.948	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	10.213	43	8819	2.087	ug/L	98
42) Toluene	10.384	91	28450	0.967	ug/L	90
45) 1,1,2-Trichloroethane	10.786	97	5007	1.003	ug/L	91
46) Tetrachloroethene	10.860	164	4284	0.872	ug/L	91
49) Dibromochloromethane	11.128	129	5316	0.962	ug/L	84
50) 1,2-Dibromoethane	11.238	107	4594	0.977	ug/L	98
51) Chlorobenzene	11.658	112	17187	0.930	ug/L	93
52) Ethylbenzene	11.731	91	29178	0.886	ug/L	94
53) m,p-Xylene	11.835	106	11079	0.885	ug/L	92
54) o-Xylene	12.164	106	10218	0.858	ug/L	99
55) Styrene	12.182	104	17809	0.872	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	6803	1.117	ug/L #	97
59) Bromoform	12.347	173	2608	0.961	ug/L #	85
60) Isopropylbenzene	12.463	105	28110	0.859	ug/L #	96
61) 1,2,3-Trichloropropane	12.762	75	4711	1.056	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	23263	0.828	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	22852	0.844	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	12449	0.934	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	12941	0.959	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	11956	1.009	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.481	75	1075	1.109	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	8011	0.921	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	6054	0.858	ug/L	94
71) Naphthalene	15.365	128	12575	0.822	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	5072	0.842	ug/L	93

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

