

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024706.D
 Acq On : 03 Oct 2022 12:23
 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 07:50:49 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	8.841	114	554293	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	491908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	236974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	142391	24.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.885	69	77171	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	4.019	63	216254	16.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.440%
21) 2-Butanone-d5	7.080	46	108822	52.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.380%
24) Chloroform-d	7.653	84	344424	23.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.305	65	188759	24.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.275	84	731100	23.253	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.274	67	229854	23.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.323	98	645212	22.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	84830	19.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.927	63	81117	49.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	176470	25.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	204114	24.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	9008	1.322	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	11766m	1.618	ug/L	
12) 1,1-Dichloroethene	4.044	96	11915	1.643	ug/L #	1
13) Acetone	4.135	43	7980	5.246	ug/L	93
14) Carbon disulfide	4.385	76	23526	1.028	ug/L	95
15) Methyl Acetate	4.684	43	3948	1.172	ug/L #	77
17) trans-1,2-Dichloroethene	5.427	96	8213	1.008	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	13170	1.020	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	15168	0.995	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	8775	1.004	ug/L	85
22) 2-Butanone	7.189	43	8337m	3.426	ug/L	
23) Bromochloromethane	7.519	128	3855	1.085	ug/L	93
25) Chloroform	7.677	83	16327	1.130	ug/L	99
27) 1,2-Dichloroethane	8.403	62	9811	1.079	ug/L	99
29) Cyclohexane	7.951	56	15253	0.996	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	11398	0.958	ug/L	97
31) Carbon tetrachloride	8.067	117	9736	0.966	ug/L	99
33) Benzene	8.329	78	29954	0.870	ug/L	100
34) Trichloroethene	9.091	95	8961	1.027	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	9.335	83	15183	0.949	ug/L	92
37) 1,2-Dichloropropane	9.372	63	9303	1.095	ug/L #	93
38) Bromodichloromethane	9.646	83	10382	0.993	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	11307	0.841	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	11237	2.234	ug/L #	95
42) Toluene	10.390	91	43133	1.213	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	6256	1.078	ug/L	95
46) Tetrachloroethene	10.859	164	6419	1.083	ug/L	95
48) 2-Hexanone	10.969	43	8484	2.494	ug/L	95
49) Dibromochloromethane	11.128	129	6241	0.955	ug/L	96
50) 1,2-Dibromoethane	11.231	107	5798	1.055	ug/L	91
51) Chlorobenzene	11.658	112	22677	1.042	ug/L	94
52) Ethylbenzene	11.731	91	40954	1.046	ug/L	99
53) m,p-Xylene	11.841	106	15782	1.032	ug/L	97
54) o-Xylene	12.164	106	14903	1.032	ug/L	93
55) Styrene	12.176	104	24943	1.025	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	8586	1.263	ug/L #	93
60) Isopropylbenzene	12.463	105	38620	1.000	ug/L #	96
61) 1,2,3-Trichloropropane	12.768	75	6022	1.180	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	33404	0.995	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	33832	1.029	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	16651	1.061	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	17352	1.136	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	15322	1.121	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1270	1.052	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	11303	1.085	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	8367	0.956	ug/L	95
71) Naphthalene	15.359	128	18384	0.965	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8163	1.096	ug/L	94

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

