

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024594.D
 Acq On : 09 Sep 2022 11:04
 Operator : SY/VA
 Sample : N4519-04 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-08

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Sep 10 01:05:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	263151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	273535	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	121243	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	153036	28.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
7) Chloroethane-d5	2.873	69	111405	27.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.320%
11) 1,1-Dichloroethene-d2	4.007	63	98815	17.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.960%
21) 2-Butanone-d5	7.074	46	38990	44.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.980%
24) Chloroform-d	7.647	84	153157	22.852	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	95307	25.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.880%
32) Benzene-d6	8.275	84	312329	23.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.275	67	90357	22.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.323	98	292224	22.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	10.579	79	37647	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.921	63	32629	44.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	78960	20.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	91984	23.953	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	1656	1.314	ug/L	95
5) Vinyl chloride	2.355	62	9956m	1.507	ug/L	
12) 1,1-Dichloroethene	4.019	96	4359m	1.449	ug/L	
13) Acetone	4.141	43	3297m	4.421	ug/L	
14) Carbon disulfide	4.373	76	8602	1.081	ug/L #	90
15) Methyl Acetate	4.690	43	2298m	1.458	ug/L	
17) trans-1,2-Dichloroethene	5.422	96	3625	1.052	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	6460m	1.053	ug/L	
19) 1,1-Dichloroethane	6.202	63	7328m	1.169	ug/L	
20) cis-1,2-Dichloroethene	7.171	96	4211m	1.089	ug/L	
22) 2-Butanone	7.153	43	4488m	3.721	ug/L	
23) Bromochloromethane	7.507	128	1902m	1.074	ug/L	
25) Chloroform	7.671	83	8051	1.156	ug/L	96
27) 1,2-Dichloroethane	8.397	62	5952m	1.271	ug/L	
29) Cyclohexane	7.958	56	4951	0.935	ug/L	94
30) 1,1,1-Trichloroethane	7.866	97	6236	1.040	ug/L	93
31) Carbon tetrachloride	8.067	117	5281	0.964	ug/L	97
33) Benzene	8.323	78	18905m	1.218	ug/L	
34) Trichloroethene	9.086	95	4594	1.133	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
35) Methylcyclohexane	9.335	83	6152	0.948	ug/L	90	09/12/2022
37) 1,2-Dichloropropane	9.366	63	3926	1.013	ug/L #	95	Supervised By : Mahesh Dadoda
38) Bromodichloromethane	9.646	83	5536	1.010	ug/L	91	
39) cis-1,3-Dichloropropene	10.073	75	4987	0.880	ug/L	91	
40) 4-Methyl-2-pentanone	10.207	43	4971	1.944	ug/L	95	
42) Toluene	10.384	91	18518	1.082	ug/L	93	
44) trans-1,3-Dichloropropene	10.604	75	6534m	1.220	ug/L		09/12/2022
45) 1,1,2-Trichloroethane	10.786	97	3443	1.062	ug/L #	81	
46) Tetrachloroethene	10.860	164	3243	1.085	ug/L	87	
48) 2-Hexanone	10.969	43	3812	2.173	ug/L #	84	
49) Dibromochloromethane	11.128	129	3673	0.970	ug/L	93	
50) 1,2-Dibromoethane	11.238	107	2980	0.948	ug/L #	84	
51) Chlorobenzene	11.658	112	12386	1.048	ug/L #	88	
52) Ethylbenzene	11.725	91	17919	0.922	ug/L	88	
53) m,p-Xylene	11.835	106	6668	0.878	ug/L	77	
54) o-Xylene	12.164	106	5883	0.814	ug/L	85	
55) Styrene	12.176	104	8781	0.690	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	12.707	83	4516	1.101	ug/L #	85	
59) Bromoform	12.347	173	1811m	1.028	ug/L		
60) Isopropylbenzene	12.463	105	14085	0.858	ug/L #	94	
61) 1,2,3-Trichloropropane	12.768	75	2785	1.110	ug/L	97	
62) 1,3,5-Trimethylbenzene	12.939	105	10587	0.777	ug/L	100	
63) 1,2,4-Trimethylbenzene	13.249	105	10257	0.756	ug/L	98	
64) 1,3-Dichlorobenzene	13.493	146	6947	0.939	ug/L	96	
65) 1,4-Dichlorobenzene	13.573	146	9226	1.183	ug/L	97	
67) 1,2-Dichlorobenzene	13.865	146	8625	1.250	ug/L	94	
68) 1,2-Dibromo-3-chloropr...	14.481	75	750m	1.264	ug/L		
69) 1,3,5-Trichlorobenzene	14.621	180	4414	0.919	ug/L #	93	
70) 1,2,4-trichlorobenzene	15.127	180	3540	0.929	ug/L	92	

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

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