

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079124.D
 Acq On : 03 Jun 2024 15:24
 Operator : RP/MD
 Sample : P2642-19
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4DG2

Quant Time: Jun 04 05:06:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 06/04/2024
 Supervised By :Semsettin
 Yesilyurt
 06/04/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	196875	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	210167	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122764	20.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.793	69	125488	21.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	3.905	65	21685	20.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.640%
21) 2-Butanone-d5	6.987	46	29813m	64.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.680%
24) Chloroform-d	7.563	84	143035	25.984	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.920%
26) 1,2-Dichloroethane-d4	8.228	65	62392	24.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.198	84	240058	20.604	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	9.204	67	71972	21.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	10.269	98	227358	20.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.522	79	32643	23.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.560%
47) 2-Hexanone-d5	10.875	63	28728	66.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.420%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78718	26.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	87208	27.148	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.934	96	223546m	81.989	ug/L	
13) Acetone	4.022	43	94342	140.627	ug/L	100
16) Methylene chloride	4.799	84	140704	40.110	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	551708	105.572	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	265882	56.046	ug/L #	96
22) 2-Butanone	7.081	43	133598	189.568	ug/L	93
25) Chloroform	7.593	83	417347	77.485	ug/L	98
33) Benzene	8.251	78	178526	14.262	ug/L	100
37) 1,2-Dichloropropane	9.304	63	103687	33.818	ug/L	99
38) Bromodichloromethane	9.581	83	71887	16.866	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	295858	61.813	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	198462	155.058	ug/L	95
42) Toluene	10.334	91	490464	35.286	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	342870	84.714	ug/L	93
45) 1,1,2-Trichloroethane	10.728	97	43814	16.289	ug/L	96
46) Tetrachloroethene	10.810	164	100764	35.496	ug/L	97
48) 2-Hexanone	10.922	43	206066	186.058	ug/L	97
50) 1,2-Dibromoethane	11.181	107	145161	58.720	ug/L	97
51) Chlorobenzene	11.604	112	464584	50.234	ug/L	97

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52) Ethylbenzene	11.681	91	171821	11.851	ug/L	99
53) m,p-Xylene	11.792	106	204182	35.894	ug/L	98
54) o-Xylene	12.122	106	334894	60.936	ug/L	96
59) Bromoform	12.298	173	135762	79.583	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	93082	56.643	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	220647	35.221	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	409350	74.894	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	34735	102.823	ug/L #	76
70) 1,2,4-trichlorobenzene	15.098	180	82778	26.729	ug/L	98

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

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