Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 03 23:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	223367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	920068	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	687269	20.000	ng/ul	# 0.02
64) Phenanthrene-d10	17.486	188	586147m	20.000	ng/ul	0.15
79) Chrysene-d12	21.586	240	2022965m	20.000	ng/ul	0.06
88) Perylene-d12	24.027	264	1290729m	20.000	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	13187	1.919	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.140	99	313203	12.326	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	198481	12.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	256672	13.230	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	245792	12.466	ng/ul	0.02
21) Nitrobenzene-d5	9.134	128	130648	14.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	144995	15.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	237967	14.656	ng/ul	0.02
31) 4-Chloroaniline-d4	10.939	131	16595	0.695	ng/ul	0.03
46) Dimethylphthalate-d6	14.027	166	783604	12.666	ng/ul	0.01
49) Acenaphthylene-d8	14.304	160	813896	11.090	ng/ul	0.02
54) 4-Nitrophenol-d4	14.857	143	118104	10.086	ng/ul	0.06
60) Fluorene-d10	15.621	176	863745m	16.883	ng/ul	0.04
65) 4,6-Dinitro-2-methylph...	15.780	200	103935m	26.811	ng/ul	0.07
73) Anthracene-d10	17.574	188	754281m	22.946	ng/ul	0.14
81) Pyrene-d10	19.839	212	1329338m	8.323	ng/ul	0.11
92) Benzo(a)pyrene-d12	23.862	264	1099978m	13.810	ng/ul	0.09
Target Compounds						Qvalue
16) Acetophenone	8.804	105	45990	1.523	ng/ul#	94
36) 2-Methylnaphthalene	12.433	142	41600	1.042	ng/ul	87
37) 1-Methylnaphthalene	12.651	142	56906	1.413	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.127	196	34604	2.189	ng/ul	87
50) Acenaphthylene	14.339	152	384895	4.567	ng/ul#	36
58) 2,3,4,6-Tetrachlorophenol	15.263	232	8576062	708.243	ng/ul#	77
71) Pentachlorophenol	17.068	266	30850587m	6414.308	ng/ul	
80) Fluoranthene	19.504	202	7270365m	36.760	ng/ul	
82) Pyrene	19.880	202	22279003m	109.572	ng/ul	
85) Benzo(a)anthracene	21.568	228	3492877m	20.648	ng/ul	
87) Chrysene	21.627	228	16163379	106.212	ng/ul	94
90) Benzo(b)fluoranthene	23.274	252	1360341m	13.753	ng/ul	

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

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