Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061303.D
Acq On : 28 May 2024 17:19
Operator : MA/JU
Sample : P2568-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 28 17:59:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH643

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	22730	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	102092	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	84788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	202170	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	202564	20.000	ng/ul	0.00
88) Perylene-d12	24.597	264	227015	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2024	4.983	ng/uL	0.00
4) Pyridine-d5	3.745	84	24467	16.933	ng/ul	0.00
7) Phenol-d5	7.065	99	43192	23.139	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	28028	23.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	34941	25.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	35946	22.584	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	18466	23.493	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	21024	22.854	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.308	165	43110	24.038	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	48940	20.858	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	157573	23.962	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	171351	25.064	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	16717	20.562	ng/ul	0.00
60) Fluorene-d10	15.514	176	143039	25.194	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	23283	19.041	ng/ul	0.00
73) Anthracene-d10	17.365	188	222324	24.944	ng/ul	0.00
81) Pyrene-d10	19.656	212	280237	26.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	292765	26.825	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	65848	6.711	ng/ul	99
80) Fluoranthene	19.321	202	202795	16.253	ng/ul	99
82) Pyrene	19.686	202	182504	14.092	ng/ul	99
85) Benzo(a)anthracene	21.495	228	119258	8.532	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	19498m	2.961	ng/ul	
87) Chrysene	21.560	228	120850	9.390	ng/ul	98
90) Benzo(b)fluoranthene	23.622	252	166739	12.336	ng/ul	97
91) Benzo(k)fluoranthene	23.687	252	53216m	3.878	ng/ul	
93) Benzo(a)pyrene	24.456	252	106029	8.261	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.093	276	81240	5.234	ng/ul	100
95) Dibenzo(a,h)anthracene	28.123	278	23611m	1.845	ng/ul	
96) Benzo(g,h,i)perylene	29.174	276	77353m	6.265	ng/ul	

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

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