Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061311.D
Acq On : 28 May 2024 22:47
Operator : MA/JU
Sample : P2568-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 28 23:22:20 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 :
BH634

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	7.883	152	23930	20.000	ng/ul		0.00
20) Naphthalene-d8	10.679	136	105236	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.516	164	82624	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.266	188	183839	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.514	240	190239	20.000	ng/ul		0.00
88) Perylene-d12	24.604	264	213395	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.347	96	1996	4.668	ng/uL		0.00
4) Pyridine-d5	3.746	84	26110	17.164	ng/ul		0.00
7) Phenol-d5	7.066	99	45732	23.272	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	29594	23.959	ng/ul		0.00
11) 2-Chlorophenol-d4	7.418	132	37600	25.853	ng/ul		0.00
15) 4-Methylphenol-d8	8.599	113	38854	23.187	ng/ul		0.00
21) Nitrobenzene-d5	9.040	128	19695	24.308	ng/ul		0.00
24) 2-Nitrophenol-d4	9.763	143	22031	23.233	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.309	165	44243	23.932	ng/ul		0.00
31) 4-Chloroaniline-d4	10.815	131	47874	19.794	ng/ul		0.00
46) Dimethylphthalate-d6	13.923	166	152555	23.806	ng/ul		0.00
49) Acenaphthylene-d8	14.211	160	165144	24.788	ng/ul		0.00
54) 4-Nitrophenol-d4	14.745	143	16531	20.866	ng/ul		0.00
60) Fluorene-d10	15.509	176	134955	24.393	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	20884	18.782	ng/ul		0.00
73) Anthracene-d10	17.360	188	205413	25.344	ng/ul		0.00
81) Pyrene-d10	19.657	212	259617	26.579	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.393	264	281066	27.397	ng/ul		0.00
Target Compounds							Qvalue
72) Phenanthrene	17.307	178	85597	9.593	ng/ul		98
74) Anthracene	17.395	178	16118	1.747	ng/ul		98
80) Fluoranthene	19.322	202	188825	16.114	ng/ul		99
82) Pyrene	19.681	202	165459	13.603	ng/ul	#	97
83) Butylbenzylphthalate	20.574	149	8581	2.054	ng/ul		93
85) Benzo(a)anthracene	21.496	228	103970	7.921	ng/ul		97
86) Bis(2-ethylhexyl)phtha...	21.408	149	36334	5.875	ng/ul		98
87) Chrysene	21.561	228	103563	8.568	ng/ul		97
90) Benzo(b)fluoranthene	23.629	252	131306	10.335	ng/ul		99
91) Benzo(k)fluoranthene	23.682	252	42434	3.290	ng/ul		96
93) Benzo(a)pyrene	24.457	252	89965	7.457	ng/ul		95
94) Indeno(1,2,3-cd)pyrene	28.088	276	60474	4.145	ng/ul	#	95
95) Dibenzo(a,h)anthracene	28.130	278	19289m	1.603	ng/ul		
96) Benzo(g,h,i)perylene	29.181	276	60659m	5.226	ng/ul		

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

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