Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061389.D
Acq On : 31 May 2024 11:36
Operator : MA/JU
Sample : P2570-08DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 31 12:28:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH6B6DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	30580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	118719	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	84242	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	182462	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	195586	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	223912	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1317	2.410	ng/uL	0.00
4) Pyridine-d5	3.747	84	14161	7.284	ng/ul	0.00
7) Phenol-d5	7.060	99	29090	11.584	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	18857	11.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	23993	12.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	19370	9.046	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	11587	12.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	13501	12.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	26655	12.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	18232m	6.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	81235	12.433	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	91210	13.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	7756	9.602	ng/ul	0.02
60) Fluorene-d10	15.503	176	72568	12.865	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	4247	3.848	ng/ul	0.00
73) Anthracene-d10	17.360	188	112206	13.949	ng/ul	0.00
81) Pyrene-d10	19.651	212	140108	13.952	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	151542	14.078	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.721	128	11897	1.899	ng/ul	99
36) 2-Methylnaphthalene	12.331	142	6751	1.486	ng/ul	91
37) 1-Methylnaphthalene	12.548	142	6669	1.430	ng/ul#	99
52) Acenaphthene	14.575	153	28765	5.822	ng/ul	90
56) Dibenzofuran	14.910	168	27136	3.841	ng/ul	97
61) Fluorene	15.562	166	27541	4.506	ng/ul	92
72) Phenanthrene	17.307	178	376774	42.545	ng/ul	99
74) Anthracene	17.395	178	80728	8.816	ng/ul	98
77) Carbazole	17.665	167	34305	4.606	ng/ul	99
80) Fluoranthene	19.322	202	409871	34.022	ng/ul	100
82) Pyrene	19.681	202	360798	28.852	ng/ul	100
85) Benzo(a)anthracene	21.496	228	195944	14.519	ng/ul	96
87) Chrysene	21.561	228	172945	13.917	ng/ul	98
90) Benzo(b)fluoranthene	23.629	252	199209	14.943	ng/ul	99
91) Benzo(k)fluoranthene	23.688	252	71250m	5.265	ng/ul	
93) Benzo(a)pyrene	24.458	252	141425	11.172	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.100	276	72947m	4.765	ng/ul	
95) Dibenzo(a,h)anthracene	28.153	278	21652m	1.715	ng/ul	
96) Benzo(g,h,i)perylene	29.199	276	69104m	5.674	ng/ul	

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

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