Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061467.D
Acq On : 4 Jun 2024 23:06
Operator : MA/JU
Sample : P2590-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 04 23:48:42 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 :
BHBM0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.873	152	25833	20.000	ng/ul		0.00
20) Naphthalene-d8	10.670	136	94690	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.513	164	71688	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.262	188	170068	20.000	ng/ul		0.00
79) Chrysene-d12	21.516	240	186598	20.000	ng/ul		0.00
88) Perylene-d12	24.612	264	215636	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.332	96	2083	4.512	ng/uL		0.00
4) Pyridine-d5	3.737	84	18850	11.478	ng/ul		0.00
7) Phenol-d5	7.062	99	54488	25.685	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	35184	26.387	ng/ul		0.00
11) 2-Chlorophenol-d4	7.415	132	44302	28.217	ng/ul		0.00
15) 4-Methylphenol-d8	8.602	113	33464	18.499	ng/ul		0.00
21) Nitrobenzene-d5	9.037	128	24018	32.944	ng/ul		0.00
24) 2-Nitrophenol-d4	9.753	143	24927	29.215	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.306	165	47907	28.801	ng/ul		0.00
31) 4-Chloroaniline-d4	10.811	131	22477	10.329	ng/ul		0.00
46) Dimethylphthalate-d6	13.919	166	162991	29.315	ng/ul		0.00
49) Acenaphthylene-d8	14.201	160	177299	30.673	ng/ul		0.00
54) 4-Nitrophenol-d4	14.765	143	11404m	16.590	ng/ul		0.03
60) Fluorene-d10	15.506	176	140791	29.330	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	18332	17.822	ng/ul		0.02
73) Anthracene-d10	17.362	188	206618	27.557	ng/ul		0.00
81) Pyrene-d10	19.654	212	289562	30.223	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.401	264	318853	30.757	ng/ul		0.02
Target Compounds							Qvalue
8) Phenol	7.092	94	2390	1.106	ng/ul	#	86
61) Fluorene	15.564	166	6623	1.273	ng/ul		88
72) Phenanthrene	17.303	178	135885	16.462	ng/ul		98
74) Anthracene	17.392	178	21699	2.542	ng/ul		99
77) Carbazole	17.668	167	11930	1.719	ng/ul		99
80) Fluoranthene	19.325	202	290419	25.268	ng/ul		99
82) Pyrene	19.683	202	266384	22.328	ng/ul		100
85) Benzo(a)anthracene	21.499	228	161473	12.541	ng/ul		98
87) Chrysene	21.563	228	156662	13.214	ng/ul		98
90) Benzo(b)fluoranthene	23.637	252	211264	16.455	ng/ul		97
91) Benzo(k)fluoranthene	23.696	252	66307m	5.087	ng/ul		
93) Benzo(a)pyrene	24.466	252	148751	12.201	ng/ul		97
94) Indeno(1,2,3-cd)pyrene	28.126	276	95895	6.504	ng/ul		99
95) Dibenzo(a,h)anthracene	28.155	278	24896	2.048	ng/ul	#	96
96) Benzo(g,h,i)perylene	29.219	276	85958m	7.329	ng/ul		

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

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