Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063696.D
Acq On : 17 Dec 2024 13:37
Operator : RC/JU
Sample : P5155-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 17 14:22:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E28R2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	167548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.596	136	685182	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	501359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	1102118	20.000	ng/ul	-0.01
79) Chrysene-d12	21.448	240	982360	20.000	ng/ul	#-0.01
88) Perylene-d12	24.468	264	1038938	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	12104	2.831	ng/uL	0.00
4) Pyridine-d5	3.675	84	69070	5.121	ng/ul	-0.01
7) Phenol-d5	6.995	99	302997	19.636	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	195649	18.358	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.341	132	213644	21.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	236210	19.716	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	106156	21.699	ng/ul	0.00
24) 2-Nitrophenol-d4	9.680	143	120000	21.882	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	228357	21.508	ng/ul	0.00
31) 4-Chloroaniline-d4	10.737	131	134466	9.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	740582	21.708	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	822505	21.150	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	77540	16.042	ng/ul	0.00
60) Fluorene-d10	15.444	176	649817	21.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	68345	11.944	ng/ul	0.00
73) Anthracene-d10	17.294	188	1003399	21.176	ng/ul	-0.01
81) Pyrene-d10	19.598	212	991679	19.399	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	694371	14.232	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.024	94	40292	2.450	ng/ul#	92
16) Acetophenone	8.628	105	111075	5.466	ng/ul	95
72) Phenanthrene	17.236	178	103964	1.957	ng/ul	98
80) Fluoranthene	19.263	202	307962	5.300	ng/ul	97
82) Pyrene	19.627	202	238786	3.863	ng/ul	98
85) Benzo(a)anthracene	21.431	228	147887	2.402	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.343	149	362160	13.120	ng/ul	99
87) Chrysene	21.490	228	160040	2.727	ng/ul#	82
90) Benzo(b)fluoranthene	23.517	252	211131	3.576	ng/ul#	84
91) Benzo(k)fluoranthene	23.575	252	90331m	1.534	ng/ul	
93) Benzo(a)pyrene	24.333	252	94689	1.708	ng/ul#	59
94) Indeno(1,2,3-cd)pyrene	27.882	276	86892m	1.284	ng/ul	

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

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