Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057951.D
Acq On : 3 Jul 2023 12:06
Operator : CG/JU
Sample : 03246-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 04 03:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DCGJ2

Manual Integrations APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	40566	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	193108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	140890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	329222	20.000	ng/ul	0.00
79) Chrysene-d12	21.566	240	269830	20.000	ng/ul	0.00
88) Perylene-d12	24.727	264	331625	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4079	3.521	ng/uL	0.00
4) Pyridine-d5	3.781	84	52070	14.805	ng/ul	0.00
7) Phenol-d5	7.088	99	88169	21.282	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	55270	22.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.465	132	64797	22.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	60306	19.292	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	33897	21.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	35960	21.739	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	71588	22.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	51392	10.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	256490	23.073	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	294737	24.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	33350	16.981	ng/ul	0.00
60) Fluorene-d10	15.555	176	231380	24.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	34029	19.035	ng/ul	0.00
73) Anthracene-d10	17.406	188	367174	24.035	ng/ul	0.00
81) Pyrene-d10	19.697	212	432045	25.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.509	264	430342	25.471	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.784	128	16926	1.560	ng/ul	98
36) 2-Methylnaphthalene	12.394	142	18446	2.521	ng/ul	92
37) 1-Methylnaphthalene	12.611	142	12554	1.711	ng/ul	97
72) Phenanthrene	17.353	178	121541	7.258	ng/ul	99
80) Fluoranthene	19.362	202	312290	15.859	ng/ul	99
82) Pyrene	19.727	202	263256	13.281	ng/ul	98
85) Benzo(a)anthracene	21.548	228	183935	9.494	ng/ul	95
87) Chrysene	21.607	228	210160	11.571	ng/ul	93
90) Benzo(b)fluoranthene	23.722	252	318675	15.520	ng/ul	98
91) Benzo(k)fluoranthene	23.781	252	112036m	5.567	ng/ul	
93) Benzo(a)pyrene	24.574	252	189959	10.452	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	159787	6.621	ng/ul	100
95) Dibenzo(a,h)anthracene	28.352	278	46732m	2.348	ng/ul	
96) Benzo(g,h,i)perylene	29.451	276	143557	7.283	ng/ul	100

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

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