Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057317.D
Acq On : 5 May 2023 13:35
Operator : CG/JU
Sample : 02479-07 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 06 00:39:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW948

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.372	152	18144	20.000	ng/ul		0.00
20) Naphthalene-d8	11.210	136	81981	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.987	164	66466	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.730	188	148947	20.000	ng/ul		0.00
79) Chrysene-d12	22.042	240	126025	20.000	ng/ul	#	0.00
88) Perylene-d12	25.567	264	135128	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	7.515	99	1945	1.134	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	1410	1.397	ng/ul		0.00
11) 2-Chlorophenol-d4	7.902	132	1463	1.294	ng/ul		0.00
15) 4-Methylphenol-d8	9.083	113	1594	1.222	ng/ul		0.00
21) Nitrobenzene-d5	9.547	128	925m	1.417	ng/ul		0.00
24) 2-Nitrophenol-d4	10.282	143	736	0.966	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.834	165	1656	1.127	ng/ul		0.00
31) 4-Chloroaniline-d4	11.345	131	1373	0.705	ng/ul		0.00
46) Dimethylphthalate-d6	14.370	166	7612	1.445	ng/ul		0.00
49) Acenaphthylene-d8	14.682	160	9135	1.543	ng/ul		0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul		
60) Fluorene-d10	15.968	176	7354	1.499	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul		
73) Anthracene-d10	17.824	188	11496	1.691	ng/ul		0.00
81) Pyrene-d10	20.092	212	13152	1.758	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.314	264	12463	1.810	ng/ul		0.00
Target Compounds							Qvalue
30) Naphthalene	11.263	128	8989	1.997	ng/ul		98
52) Acenaphthene	15.052	153	18831	4.394	ng/ul		98
56) Dibenzofuran	15.381	168	13753	2.222	ng/ul		90
61) Fluorene	16.027	166	20239	3.867	ng/ul		98
72) Phenanthrene	17.771	178	228092	29.407	ng/ul		99
74) Anthracene	17.860	178	58868	7.556	ng/ul		97
77) Carbazole	18.124	167	26811	4.118	ng/ul		98
80) Fluoranthene	19.763	202	307400	34.594	ng/ul		97
82) Pyrene	20.121	202	242493	26.957	ng/ul		98
85) Benzo(a)anthracene	22.019	228	129412	14.519	ng/ul		98
87) Chrysene	22.089	228	124573	14.814	ng/ul		96
90) Benzo(b)fluoranthene	24.439	252	143325	15.317	ng/ul		96
91) Benzo(k)fluoranthene	24.498	252	54043m	5.936	ng/ul		
93) Benzo(a)pyrene	25.396	252	104157	12.893	ng/ul		98
94) Indeno(1,2,3-cd)pyrene	29.626	276	66192m	6.555	ng/ul		
95) Dibenzo(a,h)anthracene	29.649	278	16748	2.000	ng/ul	#	82
96) Benzo(g,h,i)perylene	30.895	276	51402m	6.289	ng/ul		

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

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