Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057254.D
Acq On : 1 May 2023 16:58
Operator : CG/JU
Sample : 02418-30DL 30X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 01 23:36:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW904DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.379	152	18049	20.000	ng/ul		0.00
20) Naphthalene-d8	11.216	136	78636	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.993	164	57576	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.731	188	129002	20.000	ng/ul		0.00
79) Chrysene-d12	22.049	240	110578	20.000	ng/ul	#	0.00
88) Perylene-d12	25.567	264	116018	20.000	ng/ul		0.00
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	7.521	99	604	0.354	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul		
11) 2-Chlorophenol-d4	7.903	132	521	0.463	ng/ul		0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul		
24) 2-Nitrophenol-d4	10.294	143	276	0.378	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul		
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul		
46) Dimethylphthalate-d6	14.377	166	2521	0.553	ng/ul		0.00
49) Acenaphthylene-d8	14.694	160	2970	0.579	ng/ul		0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul		
60) Fluorene-d10	15.980	176	2296	0.540	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul		
73) Anthracene-d10	17.831	188	3554	0.604	ng/ul		0.00
81) Pyrene-d10	20.098	212	3886	0.592	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.321	264	3674	0.622	ng/ul		0.00
Target Compounds							Qvalue
52) Acenaphthene	15.058	153	5168	1.392	ng/ul		96
56) Dibenzofuran	15.387	168	5673	1.058	ng/ul		95
61) Fluorene	16.033	166	10232	2.257	ng/ul		93
72) Phenanthrene	17.778	178	215668	32.104	ng/ul		99
74) Anthracene	17.866	178	43227	6.406	ng/ul		97
77) Carbazole	18.130	167	11960	2.121	ng/ul		95
80) Fluoranthene	19.769	202	601976	77.209	ng/ul	#	96
82) Pyrene	20.128	202	480279	60.849	ng/ul		98
85) Benzo(a)anthracene	22.025	228	267508	34.205	ng/ul		99
87) Chrysene	22.101	228	270628	36.678	ng/ul		96
90) Benzo(b)fluoranthene	24.445	252	370599	46.128	ng/ul		96
91) Benzo(k)fluoranthene	24.510	252	115838m	14.820	ng/ul		
93) Benzo(a)pyrene	25.403	252	226744	32.691	ng/ul		96
94) Indeno(1,2,3-cd)pyrene	29.638	276	167055	19.267	ng/ul	#	96
95) Dibenzo(a,h)anthracene	29.668	278	46388m	6.452	ng/ul		
96) Benzo(g,h,i)perylene	30.907	276	136140m	19.401	ng/ul		

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

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