Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 01:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	37747	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.856	136	188518	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	130980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	283645	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.690	240	257118	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	319578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1555m	1.548	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.219	99	56283	13.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	35244	13.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	39860	14.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	43080	13.245	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	23390	16.314	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.933	143	27597	16.855	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	53405	16.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	28605	6.239	ng/ul	-0.01
46) Dimethylphthalate-d6	14.076	166	183002	16.994	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	189572	16.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	20263	11.783	ng/ul	0.00
60) Fluorene-d10	15.668	176	161151	17.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	24514	16.456	ng/ul	0.00
73) Anthracene-d10	17.525	188	222155	16.775	ng/ul	0.00
81) Pyrene-d10	19.804	212	170264	11.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	123069	7.765	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.903	128	13713	1.324	ng/ul#	90
52) Acenaphthene	14.740	153	25107	2.942	ng/ul	97
56) Dibenzofuran	15.074	168	22443	1.861	ng/ul	100
61) Fluorene	15.721	166	25489	2.485	ng/ul#	91
72) Phenanthrene	17.472	178	440195	29.433	ng/ul	100
74) Anthracene	17.560	178	60630	3.923	ng/ul	95
77) Carbazole	17.830	167	32521	2.500	ng/ul	93
80) Fluoranthene	19.475	202	578490	32.322	ng/ul#	90
82) Pyrene	19.834	202	267947	14.493	ng/ul#	90
85) Benzo(a)anthracene	21.667	228	210746	11.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	43010	3.863	ng/ul#	92
87) Chrysene	21.731	228	223211m	12.808	ng/ul	
90) Benzo(b)fluoranthene	23.888	252	309105	15.352	ng/ul#	96
91) Benzo(k)fluoranthene	23.946	252	87252	4.346	ng/ul	96
93) Benzo(a)pyrene	24.757	252	70811	3.714	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.600	276	81099m	3.329	ng/ul	
95) Dibenzo(a,h)anthracene	28.635	278	38041m	1.890	ng/ul	

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

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