Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058011.D
Acq On : 5 Jul 2023 8:16
Operator : CG/JU
Sample : 03248-17
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Time: Jul 05 09:40:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DCGP5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	43014	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	198029	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.576	164	132495	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.320	188	280873	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	229586	20.000	ng/ul	0.00
88) Perylene-d12	24.752	264	275895	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	5217	4.247	ng/uL	0.00
4) Pyridine-d5	3.789	84	62257	16.694	ng/ul	0.00
7) Phenol-d5	7.108	99	117981	26.858	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	71913	27.165	ng/ul	0.00
11) 2-Chlorophenol-d4	7.479	132	88975	29.367	ng/ul	0.00
15) 4-Methylphenol-d8	8.654	113	85126	25.682	ng/ul	0.00
21) Nitrobenzene-d5	9.106	128	45533	28.211	ng/ul	0.00
24) 2-Nitrophenol-d4	9.829	143	50434	29.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	93965	28.876	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	55926	11.335	ng/ul	0.00
46) Dimethylphthalate-d6	13.983	166	285640	27.323	ng/ul	0.00
49) Acenaphthylene-d8	14.271	160	337546	29.589	ng/ul	0.00
54) 4-Nitrophenol-d4	14.782	143	37023	20.045	ng/ul	0.00
60) Fluorene-d10	15.569	176	251418	28.318	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	30266	19.845	ng/ul	0.00
73) Anthracene-d10	17.420	188	370994	28.465	ng/ul	0.00
81) Pyrene-d10	19.711	212	432502	29.911	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.541	264	439886	31.295	ng/ul	0.03
Target Compounds						Qvalue
30) Naphthalene	10.798	128	17713	1.592	ng/ul	97
36) 2-Methylnaphthalene	12.402	142	10955	1.460	ng/ul	97
72) Phenanthrene	17.367	178	67017	4.691	ng/ul	99
80) Fluoranthene	19.376	202	214770	12.818	ng/ul	99
82) Pyrene	19.735	202	187891	11.141	ng/ul	98
85) Benzo(a)anthracene	21.562	228	125023	7.584	ng/ul	93
87) Chrysene	21.621	228	143595m	9.292	ng/ul	
90) Benzo(b)fluoranthene	23.748	252	220334	12.898	ng/ul#	95
91) Benzo(k)fluoranthene	23.807	252	70488m	4.210	ng/ul	
93) Benzo(a)pyrene	24.600	252	114745	7.589	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.378	276	80684	4.019	ng/ul	99
95) Dibenzo(a,h)anthracene	28.425	278	22527m	1.361	ng/ul	
96) Benzo(g,h,i)perylene	29.512	276	57338m	3.496	ng/ul	

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

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