Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061847.D
Acq On : 2 Jul 2024 15:04
Operator : MA/JU
Sample : P2963-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jul 02 16:18:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CR9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	68870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	307559	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.689	164	193716	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	392907	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	307366	20.000	ng/ul	0.00
88) Perylene-d12	24.924	264	368992	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	8055m	4.225	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.221	99	210232	28.119	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.380	67	129521	27.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	150404	29.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	153069	26.483	ng/ul	0.01
21) Nitrobenzene-d5	9.225	128	75418	36.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	87500	41.370	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	160738	32.095	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	26791	3.533	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	474953	31.861	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	540494	33.084	ng/ul	0.00
54) 4-Nitrophenol-d4	14.888	143	57036	22.278	ng/ul	0.03
60) Fluorene-d10	15.682	176	414290	31.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	27865	16.585	ng/ul	0.00
73) Anthracene-d10	17.532	188	596086	33.236	ng/ul	0.00
81) Pyrene-d10	19.818	212	543299	31.644	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.700	264	394104	22.362	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.884	105	11986	1.259	ng/ul#	83
72) Phenanthrene	17.474	178	248118	12.003	ng/ul	99
74) Anthracene	17.568	178	42339	2.003	ng/ul	98
77) Carbazole	17.838	167	26357	1.469	ng/ul#	85
80) Fluoranthene	19.483	202	546487	27.433	ng/ul	97
82) Pyrene	19.847	202	383311	18.096	ng/ul	95
83) Butylbenzylphthalate	20.723	149	8393	1.088	ng/ul	87
85) Benzo(a)anthracene	21.675	228	231494	10.730	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.581	149	91539	8.075	ng/ul	93
87) Chrysene	21.745	228	272270	13.337	ng/ul	96
90) Benzo(b)fluoranthene	23.901	252	412785	18.610	ng/ul	97
91) Benzo(k)fluoranthene	23.966	252	126340m	5.538	ng/ul	
93) Benzo(a)pyrene	24.771	252	136373	6.386	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.590	276	145746m	5.477	ng/ul	
95) Dibenzo(a,h)anthracene	28.655	278	55109m	2.491	ng/ul	

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

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