Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061631.D
Acq On : 21 Jun 2024 22:20
Operator : MA/JU
Sample : P2754-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 21 23:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BQ1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	47832	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	241065	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	179569	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	417106	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	359173	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	426628	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	6947	5.247	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.215	99	161823	31.164	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	107777	33.296	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	121780	34.176	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	110205	27.454	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	57596	35.188	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	67713	40.845	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	131110	33.400	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	58736	9.883	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	447183	32.361	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	520154	34.347	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	49538	20.874	ng/ul	0.00
60) Fluorene-d10	15.693	176	414933	34.299	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	44059	24.703	ng/ul	0.00
73) Anthracene-d10	17.544	188	630968	33.140	ng/ul	0.00
81) Pyrene-d10	19.823	212	640538	31.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	467317	22.934	ng/ul	-0.02
Target Compounds						Qvalue
16) Acetophenone	8.901	105	12549	1.899	ng/ul	91
72) Phenanthrene	17.485	178	45536	2.075	ng/ul#	91
80) Fluoranthene	19.489	202	131465	5.647	ng/ul	99
82) Pyrene	19.847	202	92202	3.725	ng/ul	98
85) Benzo(a)anthracene	21.686	228	53115	2.107	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.610	149	19445	1.468	ng/ul	97
87) Chrysene	21.745	228	70637	2.961	ng/ul	94
90) Benzo(b)fluoranthene	23.901	252	109540m	4.271	ng/ul	
91) Benzo(k)fluoranthene	23.971	252	32677	1.239	ng/ul#	92
93) Benzo(a)pyrene	24.776	252	34170	1.384	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.596	276	41988m	1.365	ng/ul	

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

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