Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061835.D
Acq On : 2 Jul 2024 7:00
Operator : MA/JU
Sample : P2963-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 02 08:43:26 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 :
A4CS3

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	8.053	152	82012	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	374165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	236103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	494575	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240	374846	20.000	ng/ul	0.00
88) Perylene-d12	24.910	264	447676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	10218	4.501	ng/uL	0.00
4) Pyridine-d5	3.882	84	8013m	1.167	ng/ul	0.01
7) Phenol-d5	7.207	99	275352	30.927	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	168503	30.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	193660	31.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	207484	30.146	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	99143	39.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	109451	42.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	213492	35.040	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	12102m	1.312	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	628352	34.584	ng/ul	-0.01
49) Acenaphthylene-d8	14.375	160	695844	34.947	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	94567	30.306	ng/ul	0.00
60) Fluorene-d10	15.674	176	540106	33.956	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	66947	31.656	ng/ul	0.00
73) Anthracene-d10	17.525	188	793634	35.155	ng/ul	0.00
81) Pyrene-d10	19.804	212	693923	33.142	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.687	264	483973	22.635	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.190	77	17917	4.090	ng/ul	89
16) Acetophenone	8.876	105	13231	1.167	ng/ul	91
30) Naphthalene	10.915	128	40813	1.949	ng/ul	95
50) Acenaphthylene	14.405	152	35393m	1.592	ng/ul	
56) Dibenzofuran	15.081	168	25810	1.198	ng/ul#	87
61) Fluorene	15.727	166	19084	1.071	ng/ul	84
72) Phenanthrene	17.466	178	429816	16.519	ng/ul	98
74) Anthracene	17.560	178	84167	3.163	ng/ul	98
77) Carbazole	17.824	167	35723	1.581	ng/ul	97
80) Fluoranthene	19.475	202	765759	31.520	ng/ul#	96
82) Pyrene	19.834	202	575663	22.285	ng/ul	96
85) Benzo(a)anthracene	21.667	228	368432	14.002	ng/ul	94
87) Chrysene	21.732	228	453450	18.213	ng/ul	97
90) Benzo(b)fluoranthene	23.888	252	576617	21.427	ng/ul	97
91) Benzo(k)fluoranthene	23.952	252	216123m	7.809	ng/ul	
93) Benzo(a)pyrene	24.763	252	208441	8.045	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.576	276	238023	7.373	ng/ul	98
95) Dibenzo(a,h)anthracene	28.623	278	94254m	3.511	ng/ul	

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

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