Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061844.D
Acq On : 2 Jul 2024 13:03
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 02 16:06:06 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 :
A4CS7

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	8.058	152	76963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.873	136	350205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	221637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.436	188	466913	20.000	ng/ul	0.00
79) Chrysene-d12	21.695	240	346491	20.000	ng/ul	0.00
88) Perylene-d12	24.927	264	414930	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	7919	3.717	ng/uL	0.00
4) Pyridine-d5	3.893	84	4643	0.721	ng/ul	0.02
7) Phenol-d5	7.218	99	219403	26.260	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.383	67	134595	25.842	ng/ul	0.00
11) 2-Chlorophenol-d4	7.588	132	157535	27.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	154758	23.960	ng/ul	0.01
21) Nitrobenzene-d5	9.228	128	77084	32.417	ng/ul	0.00
24) 2-Nitrophenol-d4	9.944	143	93465	38.809	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	167299	29.337	ng/ul	0.01
31) 4-Chloroaniline-d4	11.008	131	23545	2.727	ng/ul	0.01
46) Dimethylphthalate-d6	14.092	166	495890	29.075	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	562361	30.086	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	64463	22.007	ng/ul	0.02
60) Fluorene-d10	15.679	176	429062	28.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	28905	14.477	ng/ul	0.00
73) Anthracene-d10	17.530	188	611647	28.699	ng/ul	0.00
81) Pyrene-d10	19.815	212	529684	27.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.704	264	384415	19.398	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.881	105	14377	1.352	ng/ul	96
72) Phenanthrene	17.477	178	220851	8.991	ng/ul	99
74) Anthracene	17.565	178	40579	1.615	ng/ul	98
77) Carbazole	17.835	167	21674	1.016	ng/ul	95
80) Fluoranthene	19.480	202	467792	20.831	ng/ul	98
82) Pyrene	19.845	202	322322	13.499	ng/ul#	94
85) Benzo(a)anthracene	21.678	228	203877	8.382	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.584	149	86055	6.734	ng/ul#	96
87) Chrysene	21.742	228	235891	10.250	ng/ul	99
90) Benzo(b)fluoranthene	23.904	252	353065	14.155	ng/ul#	95
91) Benzo(k)fluoranthene	23.957	252	108698m	4.237	ng/ul	
93) Benzo(a)pyrene	24.768	252	118658	4.941	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.599	276	127703m	4.268	ng/ul	
95) Dibenzo(a,h)anthracene	28.640	278	45115m	1.813	ng/ul	

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

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