Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061559.D
Acq On : 8 Jun 2024 9:21
Operator : MA/JU
Sample : P2640-16DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 09 23:26:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C40DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22668	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	89181	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	69207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	160344	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	178503	20.000	ng/ul	0.00
88) Perylene-d12	24.620	264	208914	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.065	99	9708	5.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	6084	5.200	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.411	132	8684	6.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	7734	4.872	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	4149	6.043	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.750	143	4487	5.584	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	10049	6.414	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	3371	1.645	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	30999	5.775	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	32753	5.869	ng/ul	0.00
54) 4-Nitrophenol-d4	14.779	143	2001m	3.015	ng/ul	0.02
60) Fluorene-d10	15.508	176	26640	5.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.358	188	44313	6.269	ng/ul	0.00
81) Pyrene-d10	19.656	212	54835	5.983	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	51497	5.127	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.233	152	16015	2.588	ng/ul#	93
56) Dibenzofuran	14.908	168	16331	2.814	ng/ul	94
61) Fluorene	15.560	166	5359	1.067	ng/ul#	90
72) Phenanthrene	17.305	178	189050	24.292	ng/ul	99
74) Anthracene	17.394	178	34031	4.229	ng/ul	98
77) Carbazole	17.670	167	11296	1.726	ng/ul#	93
80) Fluoranthene	19.321	202	200672	18.251	ng/ul	99
82) Pyrene	19.685	202	132710	11.628	ng/ul	98
85) Benzo(a)anthracene	21.501	228	90498	7.348	ng/ul	99
87) Chrysene	21.565	228	75714	6.676	ng/ul	96
90) Benzo(b)fluoranthene	23.645	252	75613	6.079	ng/ul	98
91) Benzo(k)fluoranthene	23.698	252	40999m	3.247	ng/ul	
93) Benzo(a)pyrene	24.474	252	38641	3.272	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.146	276	25834m	1.809	ng/ul	

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

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