Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020804.D
Acq On : 06 Jul 2024 02:40
Operator : MA/JU
Sample : P2964-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 06 03:25:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CS4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	175036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.492	136	725010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	467527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	999185	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	918983	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	1092490	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	13840	3.395	ng/uL	0.00
4) Pyridine-d5	3.687	84	17051	1.435	ng/ul	0.00
7) Phenol-d5	6.916	99	285455	19.884	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	169351	18.607	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	240763	20.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	227646	19.524	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	116448	21.755	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	130390	24.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	234129	21.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	102823	6.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	728610	22.414	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	819422	21.125	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	84535	17.020	ng/ul	0.02
60) Fluorene-d10	15.369	176	632122	23.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	77797	15.450	ng/ul	0.00
73) Anthracene-d10	17.268	188	964530	21.509	ng/ul	0.00
81) Pyrene-d10	19.657	212	998920	18.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	789942	14.864	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.545	128	53510	1.379	ng/ul	98
50) Acenaphthylene	14.075	152	155237	3.543	ng/ul	99
56) Dibenzofuran	14.763	168	59230	1.512	ng/ul	99
61) Fluorene	15.422	166	73026	2.321	ng/ul	99
72) Phenanthrene	17.216	178	1267716	24.229	ng/ul	99
74) Anthracene	17.304	178	299027	5.556	ng/ul	99
80) Fluoranthene	19.310	202	2084485	30.910	ng/ul	97
82) Pyrene	19.686	202	1658580	23.981	ng/ul	99
85) Benzo(a)anthracene	21.604	228	983185	15.264	ng/ul	92
87) Chrysene	21.668	228	1000772	16.437	ng/ul	98
90) Benzo(b)fluoranthene	23.903	252	1240016	18.736	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	460330m	6.876	ng/ul	
93) Benzo(a)pyrene	24.803	252	573109	9.173	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	550844	6.874	ng/ul	96
95) Dibenzo(a,h)anthracene	28.821	278	171870m	2.610	ng/ul	
96) Benzo(g,h,i)perylene	29.933	276	87129m	1.332	ng/ul	

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

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