Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020861.D
Acq On : 09 Jul 2024 12:35
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 09 23:03:02 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 :
A4CX3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272976	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.493	136	1110438	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	726368	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1454621	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1293645	20.000	ng/ul	0.01
88) Perylene-d12	25.004	264	1520243	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17758	2.793	ng/uL	0.00
4) Pyridine-d5	3.687	84	34359	1.855	ng/ul	0.00
7) Phenol-d5	6.922	99	525563	23.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	300470	21.169	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	431757	23.596	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	440180	24.207	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	212652	25.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	247989	30.227	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	454439	26.890	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	242541	10.241	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1374196	27.210	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	1506547	24.999	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	212100	27.487	ng/ul	0.03
60) Fluorene-d10	15.375	176	1163795	27.384	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	152086	20.747	ng/ul	0.02
73) Anthracene-d10	17.281	188	1785247	27.346	ng/ul	0.02
81) Pyrene-d10	19.663	212	1831726	23.569	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.774	264	1426195	19.286	ng/ul	0.04
Target Compounds						Qvalue
72) Phenanthrene	17.222	178	426079	5.594	ng/ul	100
74) Anthracene	17.310	178	82132	1.048	ng/ul	99
80) Fluoranthene	19.310	202	862257	9.083	ng/ul	99
82) Pyrene	19.692	202	682217	7.007	ng/ul	99
85) Benzo(a)anthracene	21.616	228	379622	4.187	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.545	149	62369	1.111	ng/ul#	94
87) Chrysene	21.680	228	435207	5.078	ng/ul	96
90) Benzo(b)fluoranthene	23.933	252	580155	6.299	ng/ul#	93
91) Benzo(k)fluoranthene	23.998	252	183814m	1.973	ng/ul	
93) Benzo(a)pyrene	24.845	252	223691	2.573	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.815	276	232487m	2.085	ng/ul	

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

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