Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020728.D
Acq On : 01 Jul 2024 21:58
Operator : MA/JU
Sample : P2871-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 01 23:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CN4

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	7.740	152	236856	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	1013036	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.375	164	682558	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1430065	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	932148	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	1020305	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	21017	3.810	ng/uL	0.00
4) Pyridine-d5	3.687	84	75564	4.701	ng/ul	0.00
7) Phenol-d5	6.922	99	460701	23.715	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	280322	22.761	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	391722	24.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	343187	21.751	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	192195	25.697	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	216887	28.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	389223	25.246	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	161728	7.485	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1210885	25.515	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1386757	24.489	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	137753	18.998	ng/ul	0.01
60) Fluorene-d10	15.387	176	1036877	25.964	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	145615	20.205	ng/ul	0.02
73) Anthracene-d10	17.286	188	1551584	24.175	ng/ul	0.00
81) Pyrene-d10	19.674	212	1475167	26.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	860216	17.332	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.233	178	260435	3.478	ng/ul	99
80) Fluoranthene	19.322	202	575359	8.411	ng/ul	99
82) Pyrene	19.704	202	409709	5.840	ng/ul	96
85) Benzo(a)anthracene	21.621	228	205258	3.142	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.557	149	95105	2.351	ng/ul	99
87) Chrysene	21.686	228	228512	3.700	ng/ul	99
90) Benzo(b)fluoranthene	23.933	252	304921	4.933	ng/ul	97
91) Benzo(k)fluoranthene	23.998	252	106937m	1.710	ng/ul	
93) Benzo(a)pyrene	24.833	252	110492	1.894	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.821	276	119989m	1.603	ng/ul	

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

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