Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021023.D
Acq On : 17 Jul 2024 18:52
Operator : MA/JU
Sample : P3215-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 17 22:48:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BD3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	142479	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	578541	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	397286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	926695	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	942198	20.000	ng/ul	0.01
88) Perylene-d12	24.856	264	1112220	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12326	3.937	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.899	99	269843	23.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	156930	22.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	223137	23.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	197603	20.482	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	106603	23.723	ng/ul	0.01
24) 2-Nitrophenol-d4	9.551	143	122955	23.906	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	223438	24.025	ng/ul	0.01
31) 4-Chloroaniline-d4	10.604	131	214012	17.370	ng/ul	0.02
46) Dimethylphthalate-d6	13.716	166	709280	24.559	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	830313	25.604	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	103907m	25.287	ng/ul	0.01
60) Fluorene-d10	15.322	176	655000	27.645	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	101689	18.136	ng/ul	0.00
73) Anthracene-d10	17.227	188	1106814	26.891	ng/ul	0.00
81) Pyrene-d10	19.604	212	1066805	18.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	738938	13.471	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.163	178	195413	4.065	ng/ul	98
80) Fluoranthene	19.257	202	500573	7.116	ng/ul	98
82) Pyrene	19.633	202	298596	4.171	ng/ul	98
85) Benzo(a)anthracene	21.545	228	224440	3.401	ng/ul	99
87) Chrysene	21.610	228	253415	4.132	ng/ul	98
90) Benzo(b)fluoranthene	23.809	252	323706	4.796	ng/ul#	96
91) Benzo(k)fluoranthene	23.880	252	133317m	1.979	ng/ul	
93) Benzo(a)pyrene	24.698	252	88820	1.393	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.627	276	94615	1.151	ng/ul	93

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

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