Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016624.D
Acq On : 17 Aug 2023 03:44
Operator : MA/JU
Sample : 03967-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48N1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 04:29:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	211123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1029685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	685359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1645020	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1796264	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	2049776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	19112	3.440	ng/uL	0.00
4) Pyridine-d5	3.840	84	21538	1.274	ng/ul	0.01
7) Phenol-d5	7.187	99	330526	16.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	220585	17.207	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	245701	17.575	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	221473	14.310	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	125277	17.291	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	121130	17.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	237119	17.510	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	69304	2.983	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	848956	17.126	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	979875	17.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	140076	13.871	ng/ul	0.00
60) Fluorene-d10	15.698	176	784380	18.561	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	70178	8.967	ng/ul	0.00
73) Anthracene-d10	17.569	188	1242263	17.458	ng/ul	0.00
81) Pyrene-d10	19.798	212	1680168	17.851	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1752828	17.844	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.899	105	100006	4.001	ng/ul	100
72) Phenanthrene	17.510	178	177259	2.045	ng/ul	99
80) Fluoranthene	19.469	202	596612	5.311	ng/ul	98
82) Pyrene	19.828	202	546289	4.605	ng/ul	99
85) Benzo(a)anthracene	21.545	228	323354	2.679	ng/ul	99
87) Chrysene	21.604	228	344545	3.050	ng/ul	97
90) Benzo(b)fluoranthene	23.339	252	497814	4.079	ng/ul#	76
91) Benzo(k)fluoranthene	23.386	252	179141m	1.480	ng/ul	
93) Benzo(a)pyrene	24.027	252	320851	2.787	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.886	276	235987	1.737	ng/ul	95
96) Benzo(g,h,i)perylene	27.745	276	219893	2.033	ng/ul	98

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

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