Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017355.D
Acq On : 26 Sep 2023 11:08
Operator : MA/JU
Sample : 04472-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYM8

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 00:42:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	191606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	794567	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	491864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1100263	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1005539	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1159510	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8078	1.732	ng/uL	0.00
4) Pyridine-d5	3.746	84	19980m	1.532	ng/ul	0.02
7) Phenol-d5	7.081	99	133714	8.497	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	110227	11.607	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	122576	9.821	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	28578	2.336	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	64075	11.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	61577	9.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	96229	8.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	70834	4.150	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	431403	12.243	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	467200	11.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	14837m	2.417	ng/ul	0.01
60) Fluorene-d10	15.581	176	399235	13.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	10109	1.630	ng/ul	0.00
73) Anthracene-d10	17.457	188	618014	12.665	ng/ul	0.00
81) Pyrene-d10	19.704	212	776194	14.274	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	733847	13.145	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.775	105	103872	5.494	ng/ul	99
30) Naphthalene	10.799	128	126795	3.065	ng/ul	99
36) 2-Methylnaphthalene	12.404	142	42523	1.575	ng/ul	97
37) 1-Methylnaphthalene	12.628	142	32075	1.162	ng/ul#	97
52) Acenaphthene	14.651	153	36809	1.176	ng/ul	98
61) Fluorene	15.639	166	45771	1.314	ng/ul	98
72) Phenanthrene	17.404	178	391980	6.802	ng/ul	99
74) Anthracene	17.492	178	67405m	1.154	ng/ul	
80) Fluoranthene	19.375	202	547732	8.637	ng/ul	99
82) Pyrene	19.733	202	528395	7.838	ng/ul	99
85) Benzo(a)anthracene	21.451	228	242093	3.567	ng/ul#	92
87) Chrysene	21.504	228	249139	3.901	ng/ul#	91
90) Benzo(b)fluoranthene	23.204	252	309592	4.529	ng/ul#	85
91) Benzo(k)fluoranthene	23.245	252	118900m	1.724	ng/ul	
93) Benzo(a)pyrene	23.868	252	210894	3.224	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	26.639	276	140219	1.710	ng/ul	98
96) Benzo(g,h,i)perylene	27.474	276	139053	2.103	ng/ul	94

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

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