Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018021.D
Acq On : 10 Nov 2023 10:15
Operator : MA/JU
Sample : 05091-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKJ1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 22:40:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	80191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	325454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	200593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	454469	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	445370	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	499749	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4762	2.033	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.034	99	86567	11.487	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	59353	13.002	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	74264	12.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	38591	6.385	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	39112	13.420	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	39459	12.165	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	69773	12.007	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	43849	5.507	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	254176	13.784	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	289318	14.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	19832m	7.343	ng/ul	0.02
60) Fluorene-d10	15.539	176	231564	15.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	14113	4.447	ng/ul	0.00
73) Anthracene-d10	17.416	188	370805	15.227	ng/ul	0.00
81) Pyrene-d10	19.668	212	487728	17.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	467421	16.091	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.269	152	55230	2.439	ng/ul	99
52) Acenaphthene	14.604	153	36174	2.405	ng/ul	99
61) Fluorene	15.598	166	31248	1.784	ng/ul	98
71) Pentachlorophenol	16.957	266	4646m	1.340	ng/ul	
72) Phenanthrene	17.363	178	158311	5.596	ng/ul	97
74) Anthracene	17.457	178	289758	10.131	ng/ul	98
80) Fluoranthene	19.339	202	714804	21.546	ng/ul	99
82) Pyrene	19.704	202	728793	20.785	ng/ul	96
85) Benzo(a)anthracene	21.427	228	349082	9.750	ng/ul	99
87) Chrysene	21.486	228	490166m	14.534	ng/ul	
90) Benzo(b)fluoranthene	23.180	252	653620	18.198	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	180404m	5.032	ng/ul	
93) Benzo(a)pyrene	23.845	252	233971	6.911	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.627	276	221666	5.524	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	55534	1.674	ng/ul#	91
96) Benzo(g,h,i)perylene	27.456	276	201598	6.296	ng/ul	98

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

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