Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKJ0

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

Quant Time: Nov 10 22:35:52 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	88210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	367895	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.539	164	228927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	482600	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	403346	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	443756	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3895	1.512	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.034	99	76293	9.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	47561	9.472	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	64441	9.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	46976	7.065	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	30711	9.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	35850	9.777	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	65242	9.932	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	43250m	4.805	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	232010	11.025	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	246147	10.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	18438m	5.982	ng/ul	0.02
60) Fluorene-d10	15.539	176	195805	11.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	17403	5.164	ng/ul	0.00
73) Anthracene-d10	17.416	188	293110	11.335	ng/ul	0.00
81) Pyrene-d10	19.669	212	352643	13.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	304863	11.820	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.269	152	36486	1.412	ng/ul	98
52) Acenaphthene	14.604	153	56672	3.301	ng/ul	99
61) Fluorene	15.598	166	59139	2.959	ng/ul	96
71) Pentachlorophenol	16.951	266	6033	1.639	ng/ul	97
72) Phenanthrene	17.363	178	257701	8.579	ng/ul	99
74) Anthracene	17.451	178	327733	10.791	ng/ul	99
80) Fluoranthene	19.339	202	692938	23.063	ng/ul	100
82) Pyrene	19.698	202	604317	19.031	ng/ul	99
85) Benzo(a)anthracene	21.427	228	199252	6.145	ng/ul	99
87) Chrysene	21.480	228	247048m	8.089	ng/ul	
90) Benzo(b)fluoranthene	23.174	252	335908	10.532	ng/ul	96
91) Benzo(k)fluoranthene	23.221	252	97502m	3.063	ng/ul	
93) Benzo(a)pyrene	23.839	252	108698	3.616	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.615	276	123172	3.457	ng/ul	96
95) Dibenzo(a,h)anthracene	26.633	278	29945m	1.017	ng/ul	
96) Benzo(g,h,i)perylene	27.456	276	133940	4.711	ng/ul	98

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

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