Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017976.D
Acq On : 08 Nov 2023 23:39
Operator : MA/JU
Sample : 05060-07
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKG5

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 00:10:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	72701	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	307747	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	193953	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	422966	20.000	ng/ul	-0.01
79) Chrysene-d12	21.404	240	409151	20.000	ng/ul	-0.01
88) Perylene-d12	23.886	264	451693	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	5159	2.716	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.022	99	81183	11.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	55821	13.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	67481	12.881	ng/ul	-0.01
15) 4-Methylphenol-d8	8.581	113	41046	7.284	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	34696	14.108	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	37859	13.365	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	66554	12.816	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	42121	5.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	266365	15.662	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	271734	14.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	17875m	6.836	ng/ul	0.02
60) Fluorene-d10	15.516	176	219419	15.415	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	28075	9.077	ng/ul	0.00
73) Anthracene-d10	17.386	188	327667	14.900	ng/ul	-0.01
81) Pyrene-d10	19.639	212	435604	16.771	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	416686	16.510	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.333	178	34919	1.404	ng/ul	98
74) Anthracene	17.427	178	45823	1.813	ng/ul	98
80) Fluoranthene	19.309	202	104940	3.462	ng/ul	99
82) Pyrene	19.668	202	113397	3.587	ng/ul	99
85) Benzo(a)anthracene	21.386	228	60112	1.908	ng/ul	98
87) Chrysene	21.445	228	105025m	3.594	ng/ul	
90) Benzo(b)fluoranthene	23.115	252	228384	7.326	ng/ul	97
91) Benzo(k)fluoranthene	23.162	252	57856m	1.851	ng/ul	
93) Benzo(a)pyrene	23.774	252	83785	2.891	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.509	276	94339	2.733	ng/ul	94
96) Benzo(g,h,i)perylene	27.333	276	85272	3.103	ng/ul	97

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

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