Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017981.D
Acq On : 09 Nov 2023 02:29
Operator : MA/JU
Sample : 05060-21
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH9

Manual Integrations APPROVED

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

Quant Time: Nov 09 03:09:30 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	7.852	152	81140	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.669	136	342727	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	215140	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	460292	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.404	240	407119	20.000	ng/ul	-0.01
88) Perylene-d12	23.886	264	439839	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3491	1.647	ng/uL	0.00
4) Pyridine-d5	3.699	84	11011m	1.871	ng/ul	0.02
7) Phenol-d5	7.022	99	57671	7.579	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	38550	8.399	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	47826	8.180	ng/ul	-0.01
15) 4-Methylphenol-d8	8.581	113	40850	6.495	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	23961	8.748	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	26432	8.379	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	45848	7.928	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	36834	4.395	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	166538	8.828	ng/ul	-0.01
49) Acenaphthylene-d8	14.216	160	178325	8.615	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	13526m	4.663	ng/ul	0.02
60) Fluorene-d10	15.516	176	141573	8.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	16090m	4.780	ng/ul	0.00
73) Anthracene-d10	17.387	188	207472	8.669	ng/ul	-0.01
81) Pyrene-d10	19.633	212	267141	10.337	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	238147	9.690	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.328	178	57979	2.142	ng/ul	99
74) Anthracene	17.422	178	175110	6.365	ng/ul	99
80) Fluoranthene	19.310	202	287771	9.541	ng/ul	100
82) Pyrene	19.663	202	304119	9.667	ng/ul	99
85) Benzo(a)anthracene	21.386	228	131158	4.183	ng/ul	96
87) Chrysene	21.445	228	226586m	7.793	ng/ul	
90) Benzo(b)fluoranthene	23.116	252	270545	8.912	ng/ul	97
91) Benzo(k)fluoranthene	23.163	252	78747m	2.587	ng/ul	
93) Benzo(a)pyrene	23.774	252	89550	3.173	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.510	276	81631	2.429	ng/ul	97
96) Benzo(g,h,i)perylene	27.333	276	66666	2.491	ng/ul	97

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

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