Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018945.D
Acq On : 19 Dec 2023 13:25
Operator : MA/JU
Sample : 05794-23DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG4DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 00:19:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	203085	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	748243	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	468493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1124565	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1121848	20.000	ng/ul	-0.01
88) Perylene-d12	23.674	264	1343918	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3213	0.539	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.005	99	54414	2.670	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	29956	2.480	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	44987	2.829	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	41406	2.510	ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	19564	2.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	19376	2.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	42666	3.022	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	30384	1.647	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	135787	3.247	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	163518	3.551	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.686	143	9651	1.406	ng/ul	0.00
60) Fluorene-d10	15.451	176	136314	3.884	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	3004	0.446	ng/ul	0.00
73) Anthracene-d10	17.310	188	234324	3.964	ng/ul	0.00
81) Pyrene-d10	19.545	212	297041	3.401	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	295235	3.768	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.657	105	32028	1.303	ng/ul	96
52) Acenaphthene	14.522	153	73284	2.141	ng/ul	96
61) Fluorene	15.510	166	65768	1.747	ng/ul	98
72) Phenanthrene	17.251	178	1031875	15.193	ng/ul	100
74) Anthracene	17.345	178	306175	4.497	ng/ul	100
77) Carbazole	17.622	167	103365	1.905	ng/ul	99
80) Fluoranthene	19.227	202	2125138	20.588	ng/ul	95
82) Pyrene	19.580	202	1905177	18.295	ng/ul#	93
85) Benzo(a)anthracene	21.292	228	1154394	12.677	ng/ul	98
87) Chrysene	21.339	228	1046523	12.480	ng/ul	97
90) Benzo(b)fluoranthene	22.951	252	1506451	15.203	ng/ul	98
91) Benzo(k)fluoranthene	22.992	252	402074m	4.194	ng/ul	
93) Benzo(a)pyrene	23.568	252	963961	10.647	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	702772	6.497	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	196167	2.180	ng/ul#	92
96) Benzo(g,h,i)perylene	26.886	276	210764	2.421	ng/ul	95

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

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