Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023485.D
Acq On : 18 Dec 2024 04:21
Operator : RC/JU
Sample : P5258-03
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Dec 18 05:38:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E28W9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	301341	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.269	136	1179772	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.134	164	859629	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.945	188	1849996	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.374	240	1879228	20.000	ng/ul	#-0.01
88) Perylene-d12	24.539	264	1926981	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	30468	3.722	ng/uL	-0.01
4) Pyridine-d5	3.505	84	428376	20.353	ng/ul	-0.01
7) Phenol-d5	6.746	99	557489	23.579	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	368560	24.707	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	402565	23.069	ng/ul	0.00
15) 4-Methylphenol-d8	8.246	113	411250	21.551	ng/ul	-0.01
21) Nitrobenzene-d5	8.675	128	199634	22.660	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.381	143	236743	23.317	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.928	165	444437	20.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	443446	18.472	ng/ul	-0.01
46) Dimethylphthalate-d6	13.551	166	1370864	20.542	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1392192	19.779	ng/ul	0.00
54) 4-Nitrophenol-d4	14.434	143	171140m	20.928	ng/ul	0.02
60) Fluorene-d10	15.145	176	991442	16.891	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.322	200	115801	10.357	ng/ul	0.01
73) Anthracene-d10	17.057	188	1564815	18.534	ng/ul	0.00
81) Pyrene-d10	19.439	212	1661354	16.921	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.333	264	1395475	13.528	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.769	94	36700	1.491	ng/ul	94
72) Phenanthrene	16.992	178	427968	4.475	ng/ul	100
74) Anthracene	17.092	178	97668	1.021	ng/ul	99
80) Fluoranthene	19.092	202	799695	7.108	ng/ul#	91
82) Pyrene	19.469	202	685769	5.744	ng/ul#	91
85) Benzo(a)anthracene	21.357	228	354008	2.809	ng/ul	99
87) Chrysene	21.421	228	311559	2.580	ng/ul	99
90) Benzo(b)fluoranthene	23.557	252	431433	3.564	ng/ul#	97
91) Benzo(k)fluoranthene	23.621	252	139033m	1.154	ng/ul	
93) Benzo(a)pyrene	24.398	252	308104	2.807	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.139	276	200636	1.422	ng/ul#	95
96) Benzo(g,h,i)perylene	29.250	276	202294	1.873	ng/ul#	93

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

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