Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023471.D
Acq On : 17 Dec 2024 18:14
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/19/2024

Quant Time: Dec 18 00:02:33 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	265874	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.275	136	1030712	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	738472	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	1557533	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1476532	20.000	ng/ul	# 0.00
88) Perylene-d12	24.556	264	1564131m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	20303	2.811	ng/uL	0.00
4) Pyridine-d5	3.528	84	58603	3.156	ng/ul	0.01
7) Phenol-d5	6.746	99	400052	19.177	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	274130	20.828	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.081	132	297738	19.338	ng/ul	0.00
15) 4-Methylphenol-d8	8.251	113	259195	15.395	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	146033	18.973	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.387	143	173830	19.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	322847	17.244	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	35519m	1.694	ng/ul	0.03
46) Dimethylphthalate-d6	13.557	166	1059341	18.479	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1076720	17.806	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	123404m	17.566	ng/ul	0.05
60) Fluorene-d10	15.163	176	820857	16.279	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	94969	10.089	ng/ul	0.02
73) Anthracene-d10	17.051	188	1237871	17.414	ng/ul	0.00
81) Pyrene-d10	19.445	212	1311747	17.004	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.339	264	825792	9.862	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.781	94	50558m	2.328	ng/ul	
16) Acetophenone	8.351	105	165327	5.834	ng/ul	94
72) Phenanthrene	16.998	178	452560	5.620	ng/ul	98
74) Anthracene	17.092	178	104160m	1.294	ng/ul	
80) Fluoranthene	19.098	202	1015797	11.492	ng/ul#	92
82) Pyrene	19.480	202	690123	7.357	ng/ul#	94
85) Benzo(a)anthracene	21.362	228	450246	4.547	ng/ul	99
87) Chrysene	21.427	228	401678	4.233	ng/ul	98
90) Benzo(b)fluoranthene	23.562	252	528912	5.382	ng/ul#	97
91) Benzo(k)fluoranthene	23.621	252	192181	1.965	ng/ul#	95
93) Benzo(a)pyrene	24.409	252	227169	2.550	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.150	276	199110	1.739	ng/ul#	94

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

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