Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021323.D
Acq On : 02 Aug 2024 16:18
Operator : CG/JU
Sample : P3265-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 02 17:19:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4D39

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	146793	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	574350	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	373823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	857653	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	927583	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1173451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	6803	2.109	ng/uL	-0.01
4) Pyridine-d5	3.628	84	8456m	0.905	ng/ul	0.04
7) Phenol-d5	6.858	99	128246	10.716	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	80679	11.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	109372	11.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	106525m	10.717	ng/ul	0.01
21) Nitrobenzene-d5	8.793	128	46036	10.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	55705	10.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	97866m	10.600	ng/ul	0.03
31) 4-Chloroaniline-d4	10.599	131	35745m	2.922	ng/ul	0.04
46) Dimethylphthalate-d6	13.681	166	316919	11.662	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	362077	11.866	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	44690m	11.558	ng/ul	0.04
60) Fluorene-d10	15.281	176	297637	13.350	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	34460	6.641	ng/ul	0.02
73) Anthracene-d10	17.192	188	491136	12.893	ng/ul	0.00
81) Pyrene-d10	19.575	212	616546	10.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	605156	10.456	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	13.987	152	50584	1.464	ng/ul	96
52) Acenaphthene	14.328	153	25499	1.112	ng/ul	99
61) Fluorene	15.345	166	29067	1.134	ng/ul	91
72) Phenanthrene	17.134	178	763220	17.154	ng/ul	100
74) Anthracene	17.228	178	147790	3.258	ng/ul	99
77) Carbazole	17.534	167	92065	2.483	ng/ul	98
78) Di-n-butylphthalate	18.081	149	56545	1.105	ng/ul#	98
80) Fluoranthene	19.228	202	1817330	26.241	ng/ul	99
82) Pyrene	19.604	202	1471860	20.885	ng/ul	99
85) Benzo(a)anthracene	21.516	228	917891	14.126	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	204056	4.829	ng/ul	99
87) Chrysene	21.575	228	1055777	17.486	ng/ul	97
90) Benzo(b)fluoranthene	23.786	252	1569584	22.041	ng/ul	97
91) Benzo(k)fluoranthene	23.845	252	538563m	7.578	ng/ul	
93) Benzo(a)pyrene	24.680	252	721572	10.723	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.586	276	690060	7.958	ng/ul	98
95) Dibenzo(a,h)anthracene	28.621	278	225503m	3.140	ng/ul	
96) Benzo(g,h,i)perylene	29.774	276	117377m	1.662	ng/ul	

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

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