Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020993.D
Acq On : 16 Jul 2024 16:32
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 23:26:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BY5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	140576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	539436	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.310	164	353506	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	777789	20.000	ng/ul	0.01
79) Chrysene-d12	21.569	240	772080	20.000	ng/ul	0.02
88) Perylene-d12	24.868	264	946237	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	10681	3.458	ng/uL	0.00
4) Pyridine-d5	3.664	84	140449	15.704	ng/ul	0.01
7) Phenol-d5	6.893	99	226728	19.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	135916	19.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	192729	20.410	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	192265	20.199	ng/ul	0.02
21) Nitrobenzene-d5	8.852	128	90051	21.493	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	102556	21.386	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.099	165	187139	21.581	ng/ul	0.01
31) 4-Chloroaniline-d4	10.604	131	245261	21.350	ng/ul	0.02
46) Dimethylphthalate-d6	13.710	166	625773	24.351	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	699180	24.231	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	75754m	20.719	ng/ul	0.02
60) Fluorene-d10	15.316	176	547775	25.983	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	71392	15.170	ng/ul	0.01
73) Anthracene-d10	17.228	188	853591	24.709	ng/ul	0.00
81) Pyrene-d10	19.616	212	1061814	22.245	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.639	264	1155162	24.753	ng/ul	0.04
Target Compounds						Qvalue
30) Naphthalene	10.504	128	78372	2.762	ng/ul#	97
36) 2-Methylnaphthalene	12.110	142	26266	1.349	ng/ul	98
37) 1-Methylnaphthalene	12.340	142	21612	1.079	ng/ul#	100
52) Acenaphthene	14.369	153	79212	3.653	ng/ul	100
56) Dibenzofuran	14.710	168	81834	2.756	ng/ul	99
61) Fluorene	15.381	166	81900	3.380	ng/ul	98
72) Phenanthrene	17.169	178	1479449	36.667	ng/ul	100
74) Anthracene	17.257	178	331300	8.054	ng/ul	99
77) Carbazole	17.563	167	118822	3.534	ng/ul	99
80) Fluoranthene	19.263	202	1667038	28.919	ng/ul	98
82) Pyrene	19.645	202	1527522	26.041	ng/ul	99
85) Benzo(a)anthracene	21.551	228	737692	13.640	ng/ul	99
87) Chrysene	21.616	228	637742	12.690	ng/ul	97
90) Benzo(b)fluoranthene	23.821	252	764329	13.311	ng/ul	96
91) Benzo(k)fluoranthene	23.880	252	225392m	3.933	ng/ul	
93) Benzo(a)pyrene	24.710	252	552538	10.183	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.615	276	343741	4.916	ng/ul	100
95) Dibenzo(a,h)anthracene	28.662	278	89247m	1.541	ng/ul	
96) Benzo(g,h,i)perylene	29.786	276	329471m	5.786	ng/ul	

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

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