Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020985.D
Acq On : 16 Jul 2024 10:44
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 16 23:08:59 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 :
A4BX5

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	7.699	152	215442	20.000	ng/ul	0.01
20) Naphthalene-d8	10.452	136	868543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	559251	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188	1185850	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1152429	20.000	ng/ul	0.01
88) Perylene-d12	24.845	264	1367790	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18176	3.839	ng/uL	0.00
4) Pyridine-d5	3.658	84	259583	18.939	ng/ul	0.00
7) Phenol-d5	6.899	99	420142	23.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	252053	23.679	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	355028	24.533	ng/ul	0.01
15) 4-Methylphenol-d8	8.405	113	358296	24.561	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128	175633	26.035	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	206042	26.685	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	352721	25.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	481082	26.010	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	1180280	29.032	ng/ul	0.01
49) Acenaphthylene-d8	13.993	160	1341724	29.392	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.575	143	148073m	25.599	ng/ul	0.00
60) Fluorene-d10	15.316	176	1016104	30.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	150229	20.938	ng/ul	0.01
73) Anthracene-d10	17.216	188	1578218	29.965	ng/ul	0.00
81) Pyrene-d10	19.604	212	1853663	26.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	2018180	29.917	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.499	128	68244	1.494	ng/ul	98
52) Acenaphthene	14.369	153	112296	3.273	ng/ul	99
56) Dibenzofuran	14.722	168	79117	1.684	ng/ul	98
61) Fluorene	15.381	166	99943	2.607	ng/ul	96
72) Phenanthrene	17.157	178	1046807	17.016	ng/ul	99
74) Anthracene	17.257	178	140867	2.246	ng/ul	97
77) Carbazole	17.551	167	92435	1.803	ng/ul	98
80) Fluoranthene	19.257	202	1064020	12.366	ng/ul	100
82) Pyrene	19.639	202	883231	10.088	ng/ul	100
85) Benzo(a)anthracene	21.545	228	346749	4.295	ng/ul	96
87) Chrysene	21.610	228	351904	4.691	ng/ul	97
90) Benzo(b)fluoranthene	23.810	252	414440	4.993	ng/ul#	93
91) Benzo(k)fluoranthene	23.868	252	146421m	1.768	ng/ul	
93) Benzo(a)pyrene	24.686	252	281838	3.593	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.586	276	175087m	1.732	ng/ul	
96) Benzo(g,h,i)perylene	29.750	276	162043	1.969	ng/ul	96

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

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