Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 06 06:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CS5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	232895	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	958659	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	615816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1236087	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	1037479	20.000	ng/ul	0.01
88) Perylene-d12	25.004	264	1254684	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16278	3.001	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.922	99	375022	19.633	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	224083	18.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.269	132	321813	20.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	298449	19.237	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	158118	22.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	180302	25.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	310466	21.280	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	78770	3.852	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	963988	22.514	ng/ul	0.01
49) Acenaphthylene-d8	14.045	160	1101546	21.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	123236	18.838	ng/ul	0.02
60) Fluorene-d10	15.369	176	829671	23.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	96822	15.543	ng/ul	0.00
73) Anthracene-d10	17.269	188	1202024	21.668	ng/ul	0.00
81) Pyrene-d10	19.663	212	1169141	18.758	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.768	264	904599	14.822	ng/ul	0.03
Target Compounds						Qvalue
30) Naphthalene	10.551	128	90169	1.757	ng/ul	99
36) 2-Methylnaphthalene	12.151	142	35087	1.021	ng/ul	98
50) Acenaphthylene	14.081	152	144737	2.508	ng/ul	99
56) Dibenzofuran	14.763	168	53919	1.045	ng/ul	96
61) Fluorene	15.422	166	45040	1.087	ng/ul#	99
72) Phenanthrene	17.216	178	903266	13.955	ng/ul	99
74) Anthracene	17.304	178	238387	3.580	ng/ul	99
77) Carbazole	17.598	167	79639	1.449	ng/ul	95
80) Fluoranthene	19.310	202	1713111	22.501	ng/ul	99
82) Pyrene	19.692	202	1379191	17.664	ng/ul	98
85) Benzo(a)anthracene	21.615	228	920051	12.652	ng/ul#	90
87) Chrysene	21.686	228	1000328	14.553	ng/ul	96
90) Benzo(b)fluoranthene	23.939	252	1352171	17.789	ng/ul#	95
91) Benzo(k)fluoranthene	24.004	252	464223m	6.038	ng/ul	
93) Benzo(a)pyrene	24.833	252	544042	7.582	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.821	276	647989	7.041	ng/ul	96
95) Dibenzo(a,h)anthracene	28.886	278	229223m	3.030	ng/ul	
96) Benzo(g,h,i)perylene	29.997	276	92956m	1.237	ng/ul	

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

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