Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020809.D
Acq On : 06 Jul 2024 06:15
Operator : MA/JU
Sample : P2964-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 06 06:45:16 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 :
A4CT5

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	227394	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	916955	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	607612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1247714	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1132643	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1358255	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	16700	3.154	ng/uL	0.00
4) Pyridine-d5	3.687	84	36680	2.377	ng/ul	0.00
7) Phenol-d5	6.922	99	368016	19.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	219826	18.592	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	318492	20.895	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	262727	17.345	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	156266	23.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	177678	26.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	322548	23.113	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	156730	8.014	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1039262	24.600	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	1153880	22.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.593	143	137660	21.327	ng/ul	0.01
60) Fluorene-d10	15.363	176	891903	25.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	94371	15.009	ng/ul	0.00
73) Anthracene-d10	17.269	188	1354999	24.197	ng/ul	0.00
81) Pyrene-d10	19.651	212	1424406	20.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	1105027	16.725	ng/ul	0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.069	152	67697	1.189	ng/ul	99
61) Fluorene	15.428	166	45618	1.115	ng/ul	100
72) Phenanthrene	17.204	178	1046205	16.012	ng/ul	99
74) Anthracene	17.310	178	205719	3.061	ng/ul	99
77) Carbazole	17.592	167	114240	2.060	ng/ul	99
80) Fluoranthene	19.304	202	2349846	28.272	ng/ul	97
82) Pyrene	19.680	202	1659555	19.469	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1055205	13.292	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.533	149	486501	9.899	ng/ul#	98
87) Chrysene	21.674	228	1204360	16.050	ng/ul	99
90) Benzo(b)fluoranthene	23.921	252	1683683	20.462	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	587156m	7.054	ng/ul	
93) Benzo(a)pyrene	24.827	252	617717	7.952	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.780	276	641538m	6.439	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	213559	2.608	ng/ul#	89

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

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