Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020758.D
Acq On : 02 Jul 2024 20:07
Operator : MA/JU
Sample : P2963-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Jul 02 22:53:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CR7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

07/03/2024
Supervised By :mohammad ahmed

07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	209415	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.505	136	807657	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.369	164	457379	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	817334	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	755736	20.000	ng/ul	0.00
88) Perylene-d12	24.986	264	942362	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21555	4.420	ng/uL	0.00
4) Pyridine-d5	3.699	84	17299m	1.217	ng/ul	0.01
7) Phenol-d5	6.922	99	515879	30.035	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	319228	29.317	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	436509	31.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	426011	30.539	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	207899	34.865	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	236099	39.566	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	414528	33.724	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.652	131	140905	8.180	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1155502	36.335	ng/ul	-0.01
49) Acenaphthylene-d8	14.057	160	1317495	34.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	143191	29.470	ng/ul	0.00
60) Fluorene-d10	15.381	176	932755	34.856	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	117124	28.436	ng/ul	0.01
73) Anthracene-d10	17.287	188	1336961	36.447	ng/ul	0.00
81) Pyrene-d10	19.663	212	1323075	29.142	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	1131567	24.685	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.558	105	34289	1.539	ng/ul	99
30) Naphthalene	10.552	128	93940	2.173	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	58451	2.018	ng/ul	98
37) 1-Methylnaphthalene	12.381	142	57154	1.931	ng/ul	95
50) Acenaphthylene	14.087	152	63844	1.489	ng/ul	94
52) Acenaphthene	14.434	153	127932	4.499	ng/ul	99
56) Dibenzofuran	14.775	168	112437	2.935	ng/ul	98
61) Fluorene	15.440	166	158131	5.137	ng/ul	100
72) Phenanthrene	17.228	178	2274258	53.137	ng/ul	100
74) Anthracene	17.322	178	427525	9.711	ng/ul	99
77) Carbazole	17.604	167	102463	2.820	ng/ul	95
80) Fluoranthene	19.310	202	2203707	39.736	ng/ul	99
82) Pyrene	19.692	202	1909360	33.570	ng/ul	97
85) Benzo(a)anthracene	21.610	228	1114596	21.042	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.551	149	48729	1.486	ng/ul#	97
87) Chrysene	21.680	228	1164222	23.252	ng/ul	98
90) Benzo(b)fluoranthene	23.927	252	1281311	22.444	ng/ul	97
91) Benzo(k)fluoranthene	23.986	252	319789	5.538	ng/ul	95
93) Benzo(a)pyrene	24.833	252	508567	9.437	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	420815	6.088	ng/ul	96
95) Dibenzo(a,h)anthracene	28.845	278	166876m	2.937	ng/ul	

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