Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020803.D
Acq On : 06 Jul 2024 01:56
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 06 02:32:29 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 :
A4B52

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	197690	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	828571	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	543825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1146667	20.000	ng/ul	0.00
79) Chrysene-d12	21.622	240	1020375	20.000	ng/ul	0.00
88) Perylene-d12	24.963	264	1196195	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11001	2.390	ng/uL	0.00
4) Pyridine-d5	3.681	84	42798	3.190	ng/ul	0.00
7) Phenol-d5	6.917	99	225717	13.921	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	144370	14.045	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	199248	15.036	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	150503	11.429	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	97816	15.990	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	107907	17.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	196844	15.610	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	134175	7.593	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	662262	17.515	ng/ul	0.02
49) Acenaphthylene-d8	14.051	160	734515	16.280	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143	77448	13.406	ng/ul	0.02
60) Fluorene-d10	15.369	176	561223	17.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	58929	10.198	ng/ul	0.00
73) Anthracene-d10	17.263	188	860600	16.723	ng/ul	0.00
81) Pyrene-d10	19.651	212	876575	14.300	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	666376	11.452	ng/ul	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.422	153	40552	1.199	ng/ul	99
61) Fluorene	15.422	166	41295	1.128	ng/ul#	95
72) Phenanthrene	17.210	178	763586	12.717	ng/ul	100
74) Anthracene	17.298	178	147901	2.395	ng/ul	99
77) Carbazole	17.592	167	72396	1.420	ng/ul	97
80) Fluoranthene	19.304	202	1399297	18.688	ng/ul	99
82) Pyrene	19.681	202	927957	12.084	ng/ul	99
85) Benzo(a)anthracene	21.604	228	623696	8.721	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.533	149	189259	4.275	ng/ul#	97
87) Chrysene	21.669	228	643735	9.522	ng/ul	98
90) Benzo(b)fluoranthene	23.910	252	846918	11.687	ng/ul	99
91) Benzo(k)fluoranthene	23.969	252	290280	3.960	ng/ul	97
93) Benzo(a)pyrene	24.798	252	306648	4.483	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.757	276	293657m	3.347	ng/ul	
95) Dibenzo(a,h)anthracene	28.827	278	105962m	1.469	ng/ul	

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

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