Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020674.D
Acq On : 28 Jun 2024 00:32
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 28 01:34:11 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 :
A4B81

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	144541	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	553631	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	337859	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.186	188	729709	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	785915	20.000	ng/ul	0.01
88) Perylene-d12	25.015	264	963767	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	13057	3.879	ng/uL	0.00
4) Pyridine-d5	3.687	84	189741	19.342	ng/ul	0.00
7) Phenol-d5	6.928	99	257218	21.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	151607	20.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	216577	22.353	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	210338	21.846	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	101232	24.767	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	111961	27.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	204835	24.311	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	247998	21.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	624191	26.571	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	720219	25.694	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	93124	25.946	ng/ul	0.01
60) Fluorene-d10	15.392	176	551496	27.899	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	75573	20.551	ng/ul	0.02
73) Anthracene-d10	17.298	188	860830	26.285	ng/ul	0.02
81) Pyrene-d10	19.675	212	1099863	23.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.786	264	1278394	27.269	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.228	178	80241	2.100	ng/ul	99
80) Fluoranthene	19.328	202	187503	3.251	ng/ul	98
82) Pyrene	19.710	202	160685	2.717	ng/ul	97
85) Benzo(a)anthracene	21.633	228	91059	1.653	ng/ul	93
87) Chrysene	21.704	228	100084	1.922	ng/ul	97
90) Benzo(b)fluoranthene	23.951	252	144482	2.475	ng/ul#	92
93) Benzo(a)pyrene	24.863	252	91578	1.662	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.821	276	70896m	1.003	ng/ul	
96) Benzo(g,h,i)perylene	30.033	276	67122	1.163	ng/ul	98

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

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