Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032172.D
Acq On : 22 Jun 2024 18:33
Operator : MA/JU
Sample : P2899-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 22 23:55:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	329196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1313345	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	789898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1546155	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1338573	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1566355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	27985	3.517	ng/uL	0.00
4) Pyridine-d5	3.581	84	51196	2.286	ng/ul	0.01
7) Phenol-d5	6.810	99	593260	21.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	324314	19.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	526568	24.453	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	352577	15.326	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	255280	25.422	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	279639	26.958	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	467014	24.116	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	87062	3.028	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	1376323	25.011	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1594848	25.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	224254	20.353	ng/ul	0.00
60) Fluorene-d10	15.275	176	1175491	25.246	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	167579	21.563	ng/ul	0.00
73) Anthracene-d10	17.122	188	1740723	26.297	ng/ul	0.00
81) Pyrene-d10	19.427	212	1678291	23.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1307880	17.486	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.787	77	21160	1.599	ng/ul	99
8) Phenol	6.840	94	65673	2.287	ng/ul	93
16) Acetophenone	8.452	105	398032	11.417	ng/ul	99
50) Acenaphthylene	13.998	152	236915	3.313	ng/ul	100
72) Phenanthrene	17.069	178	258183	3.278	ng/ul	98
74) Anthracene	17.157	178	180669	2.264	ng/ul	96
80) Fluoranthene	19.092	202	370704	4.330	ng/ul	97
82) Pyrene	19.457	202	471318	5.366	ng/ul	97
83) Butylbenzylphthalate	20.363	149	134961	3.253	ng/ul	99
85) Benzo(a)anthracene	21.245	228	276971m	3.091	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.169	149	230973	3.820	ng/ul	98
87) Chrysene	21.304	228	299554	3.579	ng/ul#	95
90) Benzo(b)fluoranthene	23.257	252	428409	4.576	ng/ul#	88
91) Benzo(k)fluoranthene	23.304	252	125537m	1.366	ng/ul	
93) Benzo(a)pyrene	24.039	252	216100	2.464	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	27.451	276	245253	2.427	ng/ul	93
95) Dibenzo(a,h)anthracene	27.480	278	97575m	1.183	ng/ul	

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

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