Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037896.D
Acq On : 08 Dec 2022 20:54
Operator : CG/JU
Sample : N5832-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 08 22:42:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXK0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	299074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1152965	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	591991	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1102776	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	913252	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1041822	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4562	0.693	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.239	99	77969	3.208	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	50783	3.432	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	67570	3.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	59515	3.137	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	31550	3.456	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	31421	3.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	55308	3.044	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	39837	1.588	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	148068	3.508	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	177691	3.445	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	11783m	1.638	ng/ul	0.00
60) Fluorene-d10	15.704	176	133198	3.542	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	9303	1.578	ng/ul	0.00
73) Anthracene-d10	17.551	188	201877	3.922	ng/ul	0.00
81) Pyrene-d10	19.833	212	216975	3.955	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.938	264	199456	3.833	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	76352	1.227	ng/ul	98
50) Acenaphthylene	14.439	152	100182	1.766	ng/ul	98
72) Phenanthrene	17.498	178	217305	3.608	ng/ul	99
74) Anthracene	17.586	178	345921	5.652	ng/ul	99
80) Fluoranthene	19.497	202	441938	6.826	ng/ul	98
82) Pyrene	19.862	202	392319	5.822	ng/ul	99
85) Benzo(a)anthracene	21.603	228	175393	2.853	ng/ul	97
87) Chrysene	21.656	228	207305m	3.594	ng/ul	
90) Benzo(b)fluoranthene	23.344	252	506475	7.842	ng/ul	99
91) Benzo(k)fluoranthene	23.385	252	130053m	2.078	ng/ul	
93) Benzo(a)pyrene	23.991	252	198192	3.489	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.697	276	277124	3.788	ng/ul	95
95) Dibenzo(a,h)anthracene	26.697	278	66774	1.083	ng/ul#	85
96) Benzo(g,h,i)perylene	27.503	276	216320	3.704	ng/ul	98

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

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