Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037911.D
Acq On : 09 Dec 2022 11:36
Operator : CG/JU
Sample : N5832-19DL 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 21:47:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL4DL

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	234714	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	926950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	500004	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	972267	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	777012	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	857208	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1164	0.225	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	13262	0.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	8940	0.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	11522	0.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	9491	0.637	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	5456	0.743	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	4568	0.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	9005	0.616	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	7166	0.355	ng/ul	0.01
46) Dimethylphthalate-d6	14.115	166	27577	0.774	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	32202	0.739	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	1347	0.222	ng/ul	0.02
60) Fluorene-d10	15.698	176	26449	0.833	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.551	188	49812	1.098	ng/ul	0.00
81) Pyrene-d10	19.833	212	44061	0.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.938	264	38268	0.894	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.551	142	37238	1.148	ng/ul	97
61) Fluorene	15.757	166	170646	4.625	ng/ul	99
72) Phenanthrene	17.492	178	553964	10.433	ng/ul	99
74) Anthracene	17.592	178	4448382	82.441	ng/ul	99
80) Fluoranthene	19.497	202	820466	14.894	ng/ul	99
82) Pyrene	19.862	202	1020514	17.801	ng/ul	98
85) Benzo(a)anthracene	21.603	228	251304	4.804	ng/ul	99
87) Chrysene	21.656	228	396608	8.081	ng/ul	97
90) Benzo(b)fluoranthene	23.344	252	497886	9.369	ng/ul	99
91) Benzo(k)fluoranthene	23.385	252	126973m	2.465	ng/ul	
93) Benzo(a)pyrene	23.991	252	207659m	4.444	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.697	276	125782	2.090	ng/ul	95
96) Benzo(g,h,i)perylene	27.497	276	97541	2.030	ng/ul	95

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

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