Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037910.D
Acq On : 09 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-16DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 09 21:46:59 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 :
DBXL1DL

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	251734	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	992996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	536922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1039727	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	891818	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	999996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1328m	0.240	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	17425	0.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	12089	0.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	15214	0.907	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	13325	0.834	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	7315	0.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	6230	0.756	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	12225	0.781	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	9783	0.453	ng/ul	0.01
46) Dimethylphthalate-d6	14.115	166	37239	0.973	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	43523	0.930	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.698	176	36222	1.062	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	2043	0.368	ng/ul	0.00
73) Anthracene-d10	17.551	188	63627	1.311	ng/ul	0.00
81) Pyrene-d10	19.833	212	61253	1.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.938	264	61334	1.228	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	71108	1.327	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	43901	1.263	ng/ul	98
50) Acenaphthylene	14.439	152	57312	1.114	ng/ul	98
52) Acenaphthene	14.774	153	64168	1.803	ng/ul	98
61) Fluorene	15.757	166	199403	5.033	ng/ul	97
72) Phenanthrene	17.492	178	527267	9.286	ng/ul	99
74) Anthracene	17.586	178	3199182	55.443	ng/ul	98
80) Fluoranthene	19.497	202	413211	6.536	ng/ul	98
82) Pyrene	19.862	202	574185	8.726	ng/ul	97
85) Benzo(a)anthracene	21.603	228	134240	2.236	ng/ul	96
87) Chrysene	21.656	228	281711m	5.001	ng/ul	
90) Benzo(b)fluoranthene	23.344	252	608566m	9.816	ng/ul	
91) Benzo(k)fluoranthene	23.385	252	118905m	1.979	ng/ul	
93) Benzo(a)pyrene	23.991	252	243398	4.465	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.691	276	175686	2.502	ng/ul	93
96) Benzo(g,h,i)perylene	27.497	276	129321	2.307	ng/ul	94

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

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