Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	184709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	862294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	515226	20.000	ng/ul	# 0.01
64) Phenanthrene-d10	17.556	188	441170m	20.000	ng/ul	0.09
79) Chrysene-d12	21.668	240	499831m	20.000	ng/ul	0.03
88) Perylene-d12	24.162	264	593751	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	12624	3.207	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.245	99	361979	21.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	218879	22.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	294128	23.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	286028	21.613	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	155700	22.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	166544	23.497	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	313802	23.872	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	50757	2.517	ng/ul	-0.02
46) Dimethylphthalate-d6	14.133	166	853398	24.121	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1131628	26.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.933	143	177695m	24.198	ng/ul	0.02
60) Fluorene-d10	15.739	176	555010	17.291	ng/ul	0.03
65) 4,6-Dinitro-2-methylph...	15.857	200	53190	22.887	ng/ul	0.03
73) Anthracene-d10	17.645	188	553534m	27.283	ng/ul	0.08
81) Pyrene-d10	19.898	212	542883m	20.968	ng/ul	0.05
92) Benzo(a)pyrene-d12	23.997	264	794471	26.709	ng/ul	0.04
Target Compounds						Qvalue
8) Phenol	7.275	94	34478	2.027	ng/ul#	84
16) Acetophenone	8.928	105	207056	9.919	ng/ul	98
50) Acenaphthylene	14.463	152	435255	9.124	ng/ul#	53
58) 2,3,4,6-Tetrachlorophenol	15.368	232	2055464	227.772	ng/ul#	67
71) Pentachlorophenol	17.298	266	44436357m	13666.084	ng/ul	
72) Phenanthrene	17.598	178	3732399m	156.101	ng/ul	
74) Anthracene	17.680	178	159713m	6.548	ng/ul	
77) Carbazole	17.927	167	409448m	18.241	ng/ul	
80) Fluoranthene	19.574	202	5790636m	183.106	ng/ul	
82) Pyrene	19.939	202	5738733m	175.748	ng/ul	
83) Butylbenzylphthalate	20.786	149	726749	51.046	ng/ul	87
85) Benzo(a)anthracene	21.650	228	367010m	11.476	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.544	149	621580	28.894	ng/ul	94
87) Chrysene	21.709	228	2644555	88.838	ng/ul	98
90) Benzo(b)fluoranthene	23.403	252	3197154	83.847	ng/ul#	91
91) Benzo(k)fluoranthene	23.444	252	1013581m	27.555	ng/ul	
93) Benzo(a)pyrene	24.050	252	825837	24.975	ng/ul#	72
94) Indeno(1,2,3-cd)pyrene	26.803	276	1364326	36.700	ng/ul	96
95) Dibenzo(a,h)anthracene	26.797	278	227162	6.714	ng/ul#	62
96) Benzo(g,h,i)perylene	27.597	276	1069290	32.960	ng/ul	99

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

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