Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 03 23:36:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQM8

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	31503	20.000	ng/ul	0.00
20) Naphthalene-d8	11.020	136	136210	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	89787	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	188446	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	162323	20.000	ng/ul	0.00
88) Perylene-d12	25.274	264	162190	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4079	4.500	ng/uL	-0.02
4) Pyridine-d5	3.964	84	41905	15.753	ng/ul	-0.02
7) Phenol-d5	7.354	99	85644	27.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	55426	28.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	63554	28.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	61741	24.573	ng/ul	0.00
21) Nitrobenzene-d5	9.369	128	34839	30.300	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	38720	29.853	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.644	165	65477	29.753	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	57312	17.799	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	217155	31.433	ng/ul	0.00
49) Acenaphthylene-d8	14.522	160	275778	31.656	ng/ul	0.00
54) 4-Nitrophenol-d4	15.051	143	29593	26.463	ng/ul	0.00
60) Fluorene-d10	15.814	176	192181	30.891	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	23641	20.330	ng/ul	0.00
73) Anthracene-d10	17.671	188	295449	32.781	ng/ul	0.00
81) Pyrene-d10	19.957	212	337917	34.405	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	295704	34.138	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.892	153	7816	1.377	ng/ul	97
61) Fluorene	15.867	166	11019	1.680	ng/ul	96
72) Phenanthrene	17.618	178	166508	16.003	ng/ul	100
74) Anthracene	17.706	178	39330	3.806	ng/ul	98
77) Carbazole	17.982	167	11507	1.269	ng/ul	96
80) Fluoranthene	19.622	202	299778	24.850	ng/ul	96
82) Pyrene	19.980	202	246633	20.900	ng/ul	97
85) Benzo(a)anthracene	21.854	228	135308	12.290	ng/ul	99
87) Chrysene	21.925	228	118375	11.192	ng/ul	97
90) Benzo(b)fluoranthene	24.187	252	160875	14.698	ng/ul	99
91) Benzo(k)fluoranthene	24.252	252	44124m	4.296	ng/ul	
93) Benzo(a)pyrene	25.115	252	110967	10.627	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.175	276	72596	6.213	ng/ul	98
95) Dibenzo(a,h)anthracene	29.234	278	20605m	2.078	ng/ul	
96) Benzo(g,h,i)perylene	30.415	276	43166	4.391	ng/ul	97

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

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