Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037757.D
Acq On : 28 Nov 2022 13:32
Operator : CG/JU
Sample : N5658-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 28 22:28:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ESQS9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	227468	20.000	ng/ul	0.00
20) Naphthalene-d8	10.927	136	1074113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	667593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1359078	20.000	ng/ul	0.00
79) Chrysene-d12	21.638	240	1251615	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1042394	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	18545	3.381	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.257	99	419045	18.465	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	278698	18.410	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	307597	19.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	334212	18.507	ng/ul	0.00
21) Nitrobenzene-d5	9.280	128	169425	20.120	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	172105	20.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	303968	20.019	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	165102	6.553	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1039641	21.986	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1193882	21.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	188350	18.083	ng/ul	0.00
60) Fluorene-d10	15.721	176	932153	22.508	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	135903	18.589	ng/ul	0.00
73) Anthracene-d10	17.568	188	1523908	23.978	ng/ul	0.00
81) Pyrene-d10	19.850	212	1846955	29.038	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1361328	25.372	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.509	178	144900	1.820	ng/ul	99
80) Fluoranthene	19.515	202	557638	6.863	ng/ul	99
82) Pyrene	19.880	202	535906	6.245	ng/ul	97
85) Benzo(a)anthracene	21.621	228	558522	6.670	ng/ul	99
87) Chrysene	21.674	228	719101	9.126	ng/ul	99
90) Benzo(b)fluoranthene	23.368	252	1562469	22.049	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	483612m	6.998	ng/ul	
93) Benzo(a)pyrene	24.015	252	759503	12.331	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	847657	11.997	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.738	278	220358m	3.473	ng/ul	
96) Benzo(g,h,i)perylene	27.538	276	782985	12.725	ng/ul	95

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

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