Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037919.D
Acq On : 09 Dec 2022 16:29
Operator : CG/JU
Sample : N5896-10 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXM8

Manual Integrations APPROVED

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

Quant Time: Dec 09 21:49:08 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	272148	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1065491	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	579583	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1124234	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	913327	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1082737	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	2069m	0.345	ng/uL	0.00
4) Pyridine-d5	3.887	84	17936m	1.009	ng/ul	0.03
7) Phenol-d5	7.234	99	43983	1.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	27874	2.070	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	39677	2.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	32781	1.899	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	18663	2.212	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	17435	1.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	31110	1.853	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	23421	1.010	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	90441	2.189	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	107640	2.131	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	6645m	0.944	ng/ul	0.01
60) Fluorene-d10	15.698	176	80621	2.190	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6668m	1.109	ng/ul	0.00
73) Anthracene-d10	17.545	188	132205	2.520	ng/ul	0.00
81) Pyrene-d10	19.833	212	134614	2.454	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	126027	2.330	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	90069	1.566	ng/ul	99
50) Acenaphthylene	14.433	152	241999	4.358	ng/ul	99
61) Fluorene	15.751	166	42775	1.000	ng/ul	96
71) Pentachlorophenol	17.098	266	21283	2.602	ng/ul	97
72) Phenanthrene	17.492	178	281828	4.590	ng/ul	99
74) Anthracene	17.586	178	1553002	24.891	ng/ul	99
80) Fluoranthene	19.498	202	853312	13.179	ng/ul	99
82) Pyrene	19.862	202	1217619	18.069	ng/ul	98
85) Benzo(a)anthracene	21.603	228	519783	8.453	ng/ul	97
87) Chrysene	21.662	228	970313	16.819	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	2227133	33.179	ng/ul	98
91) Benzo(k)fluoranthene	23.391	252	499887m	7.684	ng/ul	
93) Benzo(a)pyrene	23.997	252	1083327	18.353	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.703	276	1236612	16.266	ng/ul	95
95) Dibenzo(a,h)anthracene	26.703	278	285378m	4.453	ng/ul	
96) Benzo(g,h,i)perylene	27.515	276	1036827	17.082	ng/ul	96

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

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