Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047047.D
Acq On : 07 Aug 2024 08:02
Operator : RC/JU
Sample : P3336-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 07 08:45:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F7E43

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2024
Supervised By :mohammad ahmed 08/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	254570	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	1000210	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	637311	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1340916	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	1214263	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1365750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.023	96	14719	2.291	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.599	99	221760	11.467	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.752	67	168795	13.266	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	202255	12.347	ng/ul	0.00
15) 4-Methylphenol-d8	8.116	113	166514	10.869	ng/ul	0.00
21) Nitrobenzene-d5	8.540	128	104175	12.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.252	143	113995	13.006	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	206095	12.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	195442	8.837	ng/ul	0.00
46) Dimethylphthalate-d6	13.475	166	647368	13.285	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	739472	13.595	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	68367	7.256	ng/ul	0.00
60) Fluorene-d10	15.057	176	573473	13.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	73805	8.712	ng/ul	0.00
73) Anthracene-d10	16.910	188	901691	14.185	ng/ul	0.00
81) Pyrene-d10	19.221	212	760947	10.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	507445	7.056	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.216	105	25880	1.073	ng/ul	97
50) Acenaphthylene	13.769	152	63469	1.105	ng/ul#	96
72) Phenanthrene	16.851	178	142498	1.896	ng/ul	98
74) Anthracene	16.939	178	217026	2.863	ng/ul	99
80) Fluoranthene	18.886	202	634382	7.637	ng/ul	99
82) Pyrene	19.251	202	421356	4.760	ng/ul	97
85) Benzo(a)anthracene	21.027	228	543590	6.130	ng/ul	95
87) Chrysene	21.086	228	802983	9.494	ng/ul	99
90) Benzo(b)fluoranthene	22.909	252	1192489	14.116	ng/ul	98
91) Benzo(k)fluoranthene	22.956	252	374821m	4.490	ng/ul	
93) Benzo(a)pyrene	23.627	252	181573	2.307	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.750	276	211744	2.100	ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	97385	1.202	ng/ul	92

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

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