Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043726.D
Acq On : 03 Jan 2024 10:54
Operator : MA/JU
Sample : 05952-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF99

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 23:51:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	224471	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	970823	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.604	164	581284	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.362	188	1169046	20.000	ng/ul	0.02
79) Chrysene-d12	21.545	240	999522	20.000	ng/ul	0.02
88) Perylene-d12	23.980	264	1101683	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	10135	1.467	ng/uL	0.00
4) Pyridine-d5	3.828	84	52921m	2.662	ng/ul	0.04
7) Phenol-d5	7.146	99	343237	13.442	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	247109	15.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	292690	15.012	ng/ul	0.01
15) 4-Methylphenol-d8	8.692	113	282777	14.271	ng/ul	0.02
21) Nitrobenzene-d5	9.139	128	161092	17.150	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	144432	14.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	269821	15.749	ng/ul	0.02
31) 4-Chloroaniline-d4	10.933	131	15848	0.629	ng/ul	0.02
46) Dimethylphthalate-d6	14.022	166	806650	15.415	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1146338	18.467	ng/ul	0.01
54) 4-Nitrophenol-d4	14.845	143	97871m	9.882	ng/ul	0.05
60) Fluorene-d10	15.598	176	807819	18.669	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.727	200	56746	7.339	ng/ul	0.02
73) Anthracene-d10	17.462	188	1236089	18.853	ng/ul	0.02
81) Pyrene-d10	19.756	212	1296771	16.433	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.821	264	1176715	17.309	ng/ul	0.05
Target Compounds						Qvalue
50) Acenaphthylene	14.327	152	155232	2.178	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.233	232	618084	60.350	ng/ul	94
71) Pentachlorophenol	17.039	266	18784500m	1958.218	ng/ul	
72) Phenanthrene	17.404	178	407881	5.148	ng/ul#	83
74) Anthracene	17.498	178	1358782	16.992	ng/ul	96
77) Carbazole	17.774	167	330048	4.836	ng/ul#	62
82) Pyrene	19.786	202	518294	5.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	322759	5.220	ng/ul#	82
87) Chrysene	21.556	228	338118m	4.497	ng/ul	

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

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