Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043336.D
Acq On : 14 Dec 2023 12:38
Operator : MA/JU
Sample : 05690-08DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 14 23:17:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLH7DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	383189	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1791005	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1062420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	2071760	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1444959	20.000	ng/ul	# 0.00
88) Perylene-d12	23.950	264	1347832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11949	1.224	ng/uL	0.00
4) Pyridine-d5	3.822	84	110544	3.816	ng/ul	0.00
7) Phenol-d5	7.151	99	253530	6.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	160814	6.829	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	194413	6.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	192498	6.396	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	95245	6.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	89540	6.083	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	188380	5.741	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	177004	3.749	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	594484	6.383	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	676958	6.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	70731	4.238	ng/ul	0.00
60) Fluorene-d10	15.610	176	534320	6.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	23029	2.020	ng/ul	0.00
73) Anthracene-d10	17.462	188	778524	6.946	ng/ul	0.00
81) Pyrene-d10	19.745	212	812879	8.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	570898	7.259	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.686	153	160568	1.999	ng/ul	98
61) Fluorene	15.668	166	149908	1.578	ng/ul	97
72) Phenanthrene	17.404	178	834313	6.458	ng/ul	99
74) Anthracene	17.498	178	1199976	9.221	ng/ul	100
80) Fluoranthene	19.415	202	2331734	21.985	ng/ul#	93
82) Pyrene	19.774	202	2019591	18.306	ng/ul#	91
85) Benzo(a)anthracene	21.521	228	388547	3.507	ng/ul	97
87) Chrysene	21.574	228	535221	5.409	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	567465	5.901	ng/ul#	91
91) Benzo(k)fluoranthene	23.256	252	162174m	1.693	ng/ul	
93) Benzo(a)pyrene	23.844	252	210730	2.371	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.468	276	159351	1.574	ng/ul#	93
96) Benzo(g,h,i)perylene	27.238	276	132785	1.741	ng/ul#	91

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

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