Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042925.D
Acq On : 20 Nov 2023 13:18
Operator : MA/JU
Sample : 05268-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 23:15:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKC3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	30632	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	125990	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.463	164	80055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	180336	20.000	ng/ul	-0.01
79) Chrysene-d12	21.404	240	194127	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	226004	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	4850	4.968	ng/uL	0.00
4) Pyridine-d5	3.611	84	33877	13.951	ng/ul	0.00
7) Phenol-d5	6.981	99	31954	10.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	67616	32.277	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	52407	22.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	38482	16.394	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	30972	28.039	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	33290	25.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	60157	25.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	70251m	23.028	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	248946	32.857	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	255160	31.475	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	7398m	8.642	ng/ul	0.02
60) Fluorene-d10	15.457	176	206817	32.964	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	31785	23.269	ng/ul	0.00
73) Anthracene-d10	17.316	188	343580	33.996	ng/ul	-0.01
81) Pyrene-d10	19.616	212	456714	35.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	478469	35.393	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.681	128	3598632	455.921	ng/ul	100
36) 2-Methylnaphthalene	12.281	142	135494	25.613	ng/ul	99
37) 1-Methylnaphthalene	12.498	142	84336	15.163	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	59797	8.957	ng/ul#	96
50) Acenaphthylene	14.192	152	22221	2.446	ng/ul	96
52) Acenaphthene	14.528	153	89843	14.625	ng/ul	98
56) Dibenzofuran	14.869	168	172139	20.188	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	4397	2.287	ng/ul#	99
61) Fluorene	15.516	166	73772	10.191	ng/ul	97
71) Pentachlorophenol	16.857	266	5960	3.527	ng/ul	93
72) Phenanthrene	17.263	178	67391	5.982	ng/ul	98
77) Carbazole	17.645	167	256742	27.438	ng/ul	99

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

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