Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063895.D
Acq On : 28 Dec 2024 9:05
Operator : RC/JU
Sample : P5351-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 23:51:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E2922

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	118073	20.000	ng/ul		0.00
20) Naphthalene-d8	10.588	136	475811	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.442	164	349254	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.198	188	831259	20.000	ng/ul		0.00
79) Chrysene-d12	21.446	240	838283	20.000	ng/ul	#	0.00
88) Perylene-d12	24.466	264	866048	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.256	96	9677	3.212	ng/uL		0.00
4) Pyridine-d5	3.667	84	127847	13.451	ng/ul		0.00
7) Phenol-d5	6.987	99	176018	16.186	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	118415	15.766	ng/ul		0.00
11) 2-Chlorophenol-d4	7.333	132	113914	16.181	ng/ul		0.00
15) 4-Methylphenol-d8	8.520	113	143009	16.939	ng/ul		0.00
21) Nitrobenzene-d5	8.955	128	60686	17.863	ng/ul		0.00
24) 2-Nitrophenol-d4	9.677	143	68687	18.037	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.224	165	136548	18.520	ng/ul		0.00
31) 4-Chloroaniline-d4	10.729	131	149452	15.964	ng/ul		0.00
46) Dimethylphthalate-d6	13.849	166	454629	19.130	ng/ul		0.00
49) Acenaphthylene-d8	14.131	160	525304	19.390	ng/ul		0.00
54) 4-Nitrophenol-d4	14.683	143	53844	15.991	ng/ul		0.02
60) Fluorene-d10	15.435	176	410680	19.545	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	40953	9.489	ng/ul		0.00
73) Anthracene-d10	17.292	188	732713	20.502	ng/ul		0.00
81) Pyrene-d10	19.595	212	832125	19.076	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.260	264	728132	17.903	ng/ul		0.02
Target Compounds							Qvalue
72) Phenanthrene	17.239	178	105325	2.629	ng/ul	#	93
80) Fluoranthene	19.260	202	235136	4.742	ng/ul		97
82) Pyrene	19.625	202	186763	3.541	ng/ul		98
85) Benzo(a)anthracene	21.428	228	100522	1.913	ng/ul	#	90
87) Chrysene	21.493	228	106484m	2.127	ng/ul		
90) Benzo(b)fluoranthene	23.514	252	104362	2.120	ng/ul	#	92
93) Benzo(a)pyrene	24.325	252	73399	1.589	ng/ul		94
96) Benzo(g,h,i)perylene	28.937	276	45216m	1.010	ng/ul		

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

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