Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061811.D
Acq On : 1 Jul 2024 14:05
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 01 15:08:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C57

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	61574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	282212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.682	164	180850	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.426	188	393351	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	299248	20.000	ng/ul	0.00
88) Perylene-d12	24.912	264	354179	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	6528	3.830	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.203	99	149818	22.413	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	93157	22.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.585	132	107295	23.391	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	113082	21.883	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	55381	28.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	61449	31.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	116566	25.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	42428	6.098	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	368128	26.452	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	406972	26.683	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	52615	22.013	ng/ul	0.00
60) Fluorene-d10	15.675	176	320430	26.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	30408	18.079	ng/ul	0.00
73) Anthracene-d10	17.526	188	472217	26.300	ng/ul	0.00
81) Pyrene-d10	19.812	212	452202	27.053	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.688	264	326242	19.286	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.197	77	6317	1.920	ng/ul#	81
50) Acenaphthylene	14.406	152	17211	1.011	ng/ul#	94
52) Acenaphthene	14.747	153	13243	1.123	ng/ul#	85
61) Fluorene	15.728	166	13989	1.024	ng/ul#	98
72) Phenanthrene	17.473	178	290322	14.029	ng/ul	99
74) Anthracene	17.561	178	61785	2.920	ng/ul	98
77) Carbazole	17.826	167	21288	1.185	ng/ul	93
80) Fluoranthene	19.477	202	487245	25.123	ng/ul#	96
82) Pyrene	19.841	202	385464	18.692	ng/ul	95
85) Benzo(a)anthracene	21.674	228	223981	10.663	ng/ul	100
87) Chrysene	21.739	228	232326	11.689	ng/ul	97
90) Benzo(b)fluoranthene	23.889	252	296643	13.933	ng/ul	98
91) Benzo(k)fluoranthene	23.948	252	121259m	5.538	ng/ul	
93) Benzo(a)pyrene	24.753	252	139399	6.801	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.572	276	129929	5.087	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.637	278	44891m	2.114	ng/ul	

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

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