Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
Data File : BG058481.D
Acq On : 26 Jul 2023 16:27
Operator : MA/JU
Sample : PB154055BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK055

Quant Time: Jul 27 02:16:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.82
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.62
38) Acenaphthene-d10	14.462	164	167	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.306	188	831845	20.000	ng/ul	0.09
79) Chrysene-d12	21.501	240	168	20.000	ng/ul	# 0.05
88) Perylene-d12	24.703	264	173	20.000	ng/ul	# 0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13034	0.000	ng/uL	0.00
4) Pyridine-d5	3.651	84	200838	0.000	ng/ul	0.00
7) Phenol-d5	6.983	99	236551	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	147530	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	172336	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	178724	0.000	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	89822	0.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	101530	0.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	171305	0.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	241497	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	573179	44509.024	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	662480	49089.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	49688	25548.710	ng/ul	0.00
60) Fluorene-d10	15.455	176	506606	47516.239	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	48077	11.344	ng/ul	0.00
73) Anthracene-d10	17.306	188	833710	23.195	ng/ul	0.00
81) Pyrene-d10	19.597	212	984924	99260.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	672468	80423.132	ng/ul	0.00
Target Compounds						Qvalue
47) Dimethylphthalate	13.869	163	530	40.974	ng/ul#	1
48) 2,6-Dinitrotoluene	13.898	165	85	34.006	ng/ul#	29
61) Fluorene	15.455	166	1130	95.680	ng/ul#	3
63) 4-Nitroaniline	15.455	138	259	137.410	ng/ul#	1
80) Fluoranthene	19.286	202	56	4.926	ng/ul#	73
82) Pyrene	19.633	202	99	8.595	ng/ul#	23
83) Butylbenzylphthalate	20.520	149	487	107.377	ng/ul#	85
85) Benzo(a)anthracene	21.513	228	1353	119.818	ng/ul#	77
86) Bis(2-ethylhexyl)phtha...	21.431	149	111	17.207	ng/ul#	53
87) Chrysene	21.513	228	1353	126.320	ng/ul#	80
89) Di-n-octyl phthalate	22.664	149	268	29.115	ng/ul	100
90) Benzo(b)fluoranthene	23.687	252	111	11.089	ng/ul#	60
91) Benzo(k)fluoranthene	23.687	252	111	11.119	ng/ul#	59
93) Benzo(a)pyrene	24.392	252	406	45.603	ng/ul#	24
94) Indeno(1,2,3-cd)pyrene	28.093	276	140	11.935	ng/ul#	55
95) Dibenzo(a,h)anthracene	28.111	278	132	13.723	ng/ul#	58
96) Benzo(g,h,i)perylene	29.151	276	84	8.789	ng/ul#	55

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

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