Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061307.D
Acq On : 28 May 2024 20:03
Operator : MA/JU
Sample : P2568-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 28 23:06:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH637

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	27543	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	119102	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	95482	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	225829	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	219644	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	251875	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2799	5.687	ng/uL	0.00
4) Pyridine-d5	3.746	84	44001	25.130	ng/ul	0.00
7) Phenol-d5	7.059	99	74012	32.722	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	44253	31.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	56961	34.028	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	63233	32.786	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	29905	32.612	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	36005	33.549	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	72533	34.668	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	84639	30.921	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	266336	35.965	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	295791	38.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	33266	36.335	ng/ul	0.00
60) Fluorene-d10	15.508	176	236580	37.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	41657	30.499	ng/ul	0.00
73) Anthracene-d10	17.365	188	388027	38.974	ng/ul	0.00
81) Pyrene-d10	19.656	212	456696	40.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	472435	39.015	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	53091	4.844	ng/ul	98
80) Fluoranthene	19.321	202	170081	12.571	ng/ul	99
82) Pyrene	19.686	202	158744	11.304	ng/ul	99
83) Butylbenzylphthalate	20.573	149	13370	2.771	ng/ul	94
85) Benzo(a)anthracene	21.495	228	95366	6.292	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	59351	8.311	ng/ul	95
87) Chrysene	21.560	228	101263	7.256	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	142097	9.475	ng/ul	99
91) Benzo(k)fluoranthene	23.675	252	45242m	2.972	ng/ul	
93) Benzo(a)pyrene	24.457	252	94782	6.656	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.082	276	67233m	3.904	ng/ul	
95) Dibenzo(a,h)anthracene	28.123	278	20592m	1.450	ng/ul	
96) Benzo(g,h,i)perylene	29.175	276	64386	4.700	ng/ul	96

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

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