Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059304.D
Acq On : 5 Oct 2023 20:08
Operator : MA/JU
Sample : 04469-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 06 00:51:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYL9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	39896	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	178384	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	103055	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	214884	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	184253	20.000	ng/ul	0.00
88) Perylene-d12	25.405	264	213304	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.536	96	2728	2.581	ng/uL	0.01
4) Pyridine-d5	3.977	84	3831	1.242	ng/ul	0.01
7) Phenol-d5	7.361	99	63694	15.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	34810	13.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	44750	16.670	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	23550	7.629	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	25782	20.482	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	27169	21.986	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	45194	17.803	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	22238	5.414	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	150588	20.211	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	187937	20.096	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	3637	2.795	ng/ul	0.00
60) Fluorene-d10	15.851	176	145696	20.545	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	4261	3.858	ng/ul	0.00
73) Anthracene-d10	17.714	188	203603	20.794	ng/ul	0.00
81) Pyrene-d10	19.987	212	230519	22.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	219019	21.367	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	9.077	105	8264	1.729	ng/ul	90
72) Phenanthrene	17.655	178	23562	1.998	ng/ul	96
80) Fluoranthene	19.653	202	39915	3.140	ng/ul#	93
82) Pyrene	20.011	202	39835	2.959	ng/ul	96
85) Benzo(a)anthracene	21.891	228	23269	1.794	ng/ul	98
87) Chrysene	21.962	228	27650m	2.257	ng/ul	
90) Benzo(b)fluoranthene	24.271	252	39825	3.048	ng/ul#	82
91) Benzo(k)fluoranthene	24.335	252	16078m	1.215	ng/ul	
93) Benzo(a)pyrene	25.222	252	25302	2.042	ng/ul#	76
94) Indeno(1,2,3-cd)pyrene	29.429	276	23792m	1.696	ng/ul	
96) Benzo(g,h,i)perylene	30.728	276	31072m	2.724	ng/ul	

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

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