Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017427.D
Acq On : 28 Sep 2023 23:10
Operator : MA/JU
Sample : 04417-39
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 29 00:10:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 23:22:11 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EZYE6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	123892	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	503241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	306805	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	669556	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	596279	20.000	ng/ul	# 0.00
88) Perylene-d12	24.174	264	724550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	19253	6.383	ng/uL	0.00
4) Pyridine-d5	3.740	84	76351	9.054	ng/ul	0.00
7) Phenol-d5	7.116	99	397443	39.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	232859	37.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	328293	40.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	312043	39.445	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	157799	43.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	161549	40.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	309534	41.474	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	317227	29.342	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	924064	42.044	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	1123407	44.442	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	72377	18.902	ng/ul	0.00
60) Fluorene-d10	15.657	176	841697	44.484	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	11020	2.920	ng/ul	-0.01
73) Anthracene-d10	17.545	188	1222963	41.184	ng/ul	0.00
81) Pyrene-d10	19.798	212	1459740	45.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.004	264	1432407	41.061	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.822	105	18757	1.534	ng/ul#	93
30) Naphthalene	10.851	128	46583	1.778	ng/ul	97
36) 2-Methylnaphthalene	12.469	142	27996	1.637	ng/ul	97
37) 1-Methylnaphthalene	12.687	142	19595	1.121	ng/ul#	99
56) Dibenzofuran	15.057	168	26848	1.004	ng/ul	98
69) Hexachlorobenzene	16.704	284	13553	1.736	ng/ul#	90
72) Phenanthrene	17.486	178	274067	7.815	ng/ul	98
80) Fluoranthene	19.469	202	529487	14.080	ng/ul	99
82) Pyrene	19.827	202	465170	11.636	ng/ul	99
85) Benzo(a)anthracene	21.563	228	260543	6.474	ng/ul#	94
87) Chrysene	21.621	228	389404m	10.282	ng/ul	
90) Benzo(b)fluoranthene	23.363	252	631993	14.794	ng/ul#	83
91) Benzo(k)fluoranthene	23.416	252	162557	3.772	ng/ul#	65
93) Benzo(a)pyrene	24.057	252	281609	6.890	ng/ul#	74
94) Indeno(1,2,3-cd)pyrene	26.921	276	325124	6.346	ng/ul	96
95) Dibenzo(a,h)anthracene	26.933	278	97828	2.293	ng/ul#	53
96) Benzo(g,h,i)perylene	27.780	276	305876	7.404	ng/ul	93

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

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