Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
Data File : BP017423.D
Acq On : 28 Sep 2023 20:54
Operator : MA/JU
Sample : 04417-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 28 23:38:45 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 :
EZYN2

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	120001	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	491943	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	308799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	691069	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	612213	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	745573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16107	5.513	ng/uL	0.00
4) Pyridine-d5	3.740	84	157917	19.335	ng/ul	0.00
7) Phenol-d5	7.116	99	311143	31.570	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	190245	31.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	258073	33.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	184814	24.120	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	130960	36.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	134191	34.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	247425	33.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	237902	22.510	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	791148	35.764	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	925532	36.378	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	86341	22.403	ng/ul	0.00
60) Fluorene-d10	15.663	176	719786	37.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	30278	7.774	ng/ul	0.00
73) Anthracene-d10	17.545	188	1137986	37.129	ng/ul	0.00
81) Pyrene-d10	19.798	212	1347467	40.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1326658	36.957	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.857	128	32878	1.284	ng/ul	97
36) 2-Methylnaphthalene	12.469	142	30410	1.819	ng/ul	93
72) Phenanthrene	17.492	178	159399	4.404	ng/ul	99
74) Anthracene	17.586	178	47697m	1.300	ng/ul	
80) Fluoranthene	19.469	202	496049	12.847	ng/ul	100
82) Pyrene	19.827	202	521602	12.708	ng/ul	99
85) Benzo(a)anthracene	21.563	228	462855	11.202	ng/ul	95
87) Chrysene	21.616	228	556024m	14.299	ng/ul	
90) Benzo(b)fluoranthene	23.363	252	1036637	23.583	ng/ul#	95
91) Benzo(k)fluoranthene	23.415	252	344402	7.766	ng/ul#	92
93) Benzo(a)pyrene	24.051	252	774201	18.408	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.909	276	662184	12.561	ng/ul	97
95) Dibenzo(a,h)anthracene	26.933	278	161033	3.667	ng/ul#	79
96) Benzo(g,h,i)perylene	27.780	276	621615	14.622	ng/ul	98

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

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