Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021006.D
Acq On : 17 Jul 2024 02:42
Operator : MA/JU
Sample : P3178-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 17 03:26:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BX9

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	277996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	1050661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	585285	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.128	188	1151207	20.000	ng/ul	0.01
79) Chrysene-d12	21.551	240	1226264	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	1490645	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	20228	3.311	ng/uL	0.00
4) Pyridine-d5	3.681	84	26226	1.483	ng/ul	0.03
7) Phenol-d5	6.893	99	477550	21.071	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	288502	21.005	ng/ul	0.01
11) 2-Chlorophenol-d4	7.240	132	397802	21.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	383856	20.392	ng/ul	0.01
21) Nitrobenzene-d5	8.852	128	184040	22.552	ng/ul	0.02
24) 2-Nitrophenol-d4	9.546	143	206576	22.117	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	362013	21.434	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	357219	15.965	ng/ul	0.01
46) Dimethylphthalate-d6	13.710	166	1011171	23.766	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	1118701	23.416	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.581	143	105489m	17.426	ng/ul	0.01
60) Fluorene-d10	15.316	176	822225	23.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	104825	15.049	ng/ul	0.00
73) Anthracene-d10	17.222	188	1257282	24.589	ng/ul	0.00
81) Pyrene-d10	19.598	212	1133715	14.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	830155	11.292	ng/ul	0.01
Target Compounds						Qvalue
52) Acenaphthene	14.363	153	59797	1.666	ng/ul	98
56) Dibenzofuran	14.710	168	58401	1.188	ng/ul	99
61) Fluorene	15.369	166	65015	1.621	ng/ul	97
72) Phenanthrene	17.169	178	978997	16.393	ng/ul	100
74) Anthracene	17.251	178	205299	3.372	ng/ul	99
77) Carbazole	17.557	167	69719	1.401	ng/ul	96
80) Fluoranthene	19.251	202	1582799	17.288	ng/ul	99
82) Pyrene	19.627	202	897737	9.636	ng/ul	98
85) Benzo(a)anthracene	21.527	228	773747	9.007	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	158153	2.831	ng/ul	98
87) Chrysene	21.592	228	774323	9.701	ng/ul	97
90) Benzo(b)fluoranthene	23.804	252	1079349m	11.932	ng/ul	
91) Benzo(k)fluoranthene	23.857	252	378097	4.188	ng/ul	95
93) Benzo(a)pyrene	24.680	252	272973	3.193	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.568	276	291763	2.649	ng/ul	99
95) Dibenzo(a,h)anthracene	28.627	278	137652m	1.509	ng/ul	

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

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