Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
Data File : BP020119.D
Acq On : 24 Apr 2024 14:58
Operator : MA/JU
Sample : SSTD16006
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160628

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 15:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 13:42:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	92228	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	364853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	234792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	535176	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	555776	20.000	ng/ul	0.01
88) Perylene-d12	25.074	264	614175	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.623	84	1067021	174.501	ng/ul	0.00
7) Phenol-d5	6.828	99	1273843	164.458	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	795294	157.222	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.352	113	974514	163.671	ng/ul	0.01
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.563	131	1202761	166.271	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.587	143	492804	202.365	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.504	200	604178	217.531	ng/ul	0.01
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.640	79	1082864	173.402	ng/ul	97
6) Benzaldehyde	6.799	77	500308	113.351	ng/ul	99
8) Phenol	6.852	94	1339673	165.338	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.081	93	1027492	159.081	ng/ul	98
13) 2-Methylphenol	8.075	108	949243	161.682	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.158	45	1360352	151.543	ng/ul	99
16) Acetophenone	8.463	105	1576428	160.984	ng/ul	98
18) 4-Methylphenol	8.422	108	1013705	162.047	ng/ul	98
32) 4-Chloroaniline	10.587	127	1184904	166.913	ng/ul	97
34) Caprolactam	11.440	113	307806m	186.118	ng/ul	
40) Hexachlorocyclopentadiene	12.416	237	822790	246.856	ng/ul	100
51) 3-Nitroaniline	14.257	138	489382	149.318	ng/ul	94
53) 2,4-Dinitrophenol	14.475	184	435279	274.045	ng/ul	97
55) 4-Nitrophenol	14.598	109	529190	206.746	ng/ul	97
63) 4-Nitroaniline	15.475	138	434322	142.829	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.522	198	617146	210.676	ng/ul#	94
70) Atrazine	16.639	200	856665	157.035	ng/ul	99
71) Pentachlorophenol	16.798	266	727694	178.249	ng/ul	98
77) Carbazole	17.604	167	3903744	159.374	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.580	252	1958909	181.484	ng/ul	98
89) Di-n-octyl phthalate	22.910	149	5878931	154.719	ng/ul	100

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

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