Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135183.D
Acq On : 12 Sep 2023 15:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:05:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	99585	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	385877	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	192135	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	320316	20.000	ng		0.00
76) Chrysene-d12	13.945	240	192331	20.000	ng		0.00
86) Perylene-d12	15.404	264	199750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	486646	79.480	ng		0.00
7) Phenol-d6	6.404	99	609035	78.226	ng		0.00
23) Nitrobenzene-d5	7.328	82	566581	79.772	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	136434	71.455	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1006646	79.046	ng		0.00
79) Terphenyl-d14	12.886	244	792280	63.858	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	102518	38.194	ng		98
3) Pyridine	3.205	79	284675	39.407	ng		98
4) n-Nitrosodimethylamine	3.169	42	153182	39.959	ng		99
6) Aniline	6.434	93	388247	38.028	ng		98
8) 2-Chlorophenol	6.551	128	260987	39.930	ng		95
9) Benzaldehyde	6.316	77	168619	38.018	ng		99
10) Phenol	6.416	94	335998	39.357	ng		97
11) bis(2-Chloroethyl)ether	6.504	93	249174	38.910	ng		99
12) 1,3-Dichlorobenzene	6.704	146	265474	39.965	ng		98
13) 1,4-Dichlorobenzene	6.781	146	266796	39.477	ng		99
14) 1,2-Dichlorobenzene	6.934	146	245973	39.192	ng		97
15) Benzyl Alcohol	6.910	79	221550	39.656	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	465471	38.562	ng		99
17) 2-Methylphenol	7.022	107	224153	38.862	ng		100
18) Hexachloroethane	7.269	117	98622	39.494	ng		92
19) n-Nitroso-di-n-propyla...	7.181	70	178393	36.993	ng		96
20) 3+4-Methylphenols	7.175	107	267459	38.563	ng		95
22) Acetophenone	7.175	105	344347	39.032	ng	#	98
24) Nitrobenzene	7.345	77	281425	40.088	ng		98
25) Isophorone	7.587	82	507202	38.889	ng		99
26) 2-Nitrophenol	7.663	139	139223	41.321	ng		96
27) 2,4-Dimethylphenol	7.704	122	224611	39.660	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	305715	39.163	ng		99
29) 2,4-Dichlorophenol	7.904	162	207247	39.492	ng		97
30) 1,2,4-Trichlorobenzene	7.987	180	218568	39.847	ng		98
31) Naphthalene	8.063	128	742370	39.596	ng		99
32) Benzoic acid	7.822	122	166666m	39.082	ng		
33) 4-Chloroaniline	8.116	127	310925	37.799	ng		98
34) Hexachlorobutadiene	8.181	225	134263	40.595	ng		98
35) Caprolactam	8.492	113	69740	39.597	ng		99
36) 4-Chloro-3-methylphenol	8.604	107	226106	38.767	ng		97
37) 2-Methylnaphthalene	8.757	142	489431	38.835	ng		99
38) 1-Methylnaphthalene	8.857	142	458821	38.886	ng		98
40) 1,2,4,5-Tetrachloroben...	8.922	216	222359	39.947	ng		99
41) Hexachlorocyclopentadiene	8.904	237	44149	23.723	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	148495	40.745	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.075	196	170372	40.593	ng		97
46)	1,1'-Biphenyl	9.222	154	598925	40.563	ng		99
47)	2-Chloronaphthalene	9.245	162	433303	40.446	ng		98
48)	2-Nitroaniline	9.345	65	169818	40.802	ng		96
49)	Acenaphthylene	9.663	152	702703	39.468	ng		100
50)	Dimethylphthalate	9.528	163	519424	39.986	ng		100
51)	2,6-Dinitrotoluene	9.592	165	113691	39.951	ng		90
52)	Acenaphthene	9.834	154	412999	39.267	ng		97
53)	3-Nitroaniline	9.763	138	131759	39.444	ng		92
54)	2,4-Dinitrophenol	9.869	184	35742	26.644	ng		95
55)	Dibenzofuran	10.004	168	621680	38.734	ng		97
56)	4-Nitrophenol	9.922	139	83175	39.178	ng		97
57)	2,4-Dinitrotoluene	9.998	165	138090	38.761	ng		98
58)	Fluorene	10.351	166	460535	37.324	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.128	232	121370	37.593	ng		99
60)	Diethylphthalate	10.228	149	513404	39.381	ng		98
61)	4-Chlorophenyl-phenyle...	10.345	204	224995	37.960	ng		95
62)	4-Nitroaniline	10.375	138	122404	38.121	ng		95
63)	Azobenzene	10.504	77	484927	38.006	ng		98
65)	4,6-Dinitro-2-methylph...	10.404	198	55927	32.873	ng		96
66)	n-Nitrosodiphenylamine	10.463	169	423493	43.671	ng		100
67)	4-Bromophenyl-phenylether	10.833	248	132802	41.686	ng		95
68)	Hexachlorobenzene	10.898	284	132505	40.826	ng		96
69)	Atrazine	10.992	200	105274	40.346	ng		98
70)	Pentachlorophenol	11.092	266	78952	40.659	ng		96
71)	Phenanthrene	11.316	178	594253	39.226	ng		100
72)	Anthracene	11.369	178	607230	38.995	ng		98
73)	Carbazole	11.528	167	535413	37.770	ng		99
74)	Di-n-butylphthalate	11.863	149	660910	39.566	ng		99
75)	Fluoranthene	12.510	202	569017	36.046	ng		97
77)	Benzidine	12.633	184	149402	37.917	ng		99
78)	Pyrene	12.739	202	582450	31.808	ng		99
80)	Butylbenzylphthalate	13.369	149	230523	35.756	ng		95
81)	Benzo(a)anthracene	13.933	228	482465	38.848	ng		100
82)	3,3'-Dichlorobenzidine	13.898	252	163076	42.038	ng	#	95
83)	Chrysene	13.969	228	498391	40.363	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.927	149	279091	42.185	ng	#	99
85)	Di-n-octyl phthalate	14.545	149	534421	50.830	ng	#	100
87)	Indeno(1,2,3-cd)pyrene	16.880	276	409393	31.259	ng		99
88)	Benzo(b)fluoranthene	14.980	252	474228	43.856	ng		98
89)	Benzo(k)fluoranthene	15.010	252	425698	39.854	ng		98
90)	Benzo(a)pyrene	15.345	252	422822	41.004	ng		98
91)	Dibenzo(a,h)anthracene	16.898	278	337126	31.460	ng		98
92)	Benzo(g,h,i)perylene	17.321	276	320294	28.619	ng		99

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

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