Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139781.D
Acq On : 11 Oct 2024 18:11
Operator : RC/JU
Sample : P4377-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 12 02:00:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HD-01-100924MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
10/14/2024
Supervised By :mohammad ahmed
10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61918	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	202067	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	100572	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	203523	20.000	ng		0.00
76) Chrysene-d12	14.039	240	136605	20.000	ng		0.00
86) Perylene-d12	15.509	264	104487	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	89815	25.142	ng		0.00
7) Phenol-d6	6.498	99	106676	22.205	ng		0.00
23) Nitrobenzene-d5	7.428	82	61988	15.532	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	23125	23.819	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	111064	16.953	ng		0.00
79) Terphenyl-d14	12.974	244	148934	17.889	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	15830	10.249	ng		99
3) Pyridine	3.398	79	35539m	9.461	ng		
4) n-Nitrosodimethylamine	3.322	42	24553	9.986	ng		97
6) Aniline	6.528	93	24467	5.739	ng	#	84
8) 2-Chlorophenol	6.651	128	38441	10.044	ng		98
9) Benzaldehyde	6.422	77	10617	4.172	ng		99
10) Phenol	6.516	94	48644	9.630	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	39576	9.622	ng		99
12) 1,3-Dichlorobenzene	6.810	146	42329	9.831	ng		96
13) 1,4-Dichlorobenzene	6.886	146	42313	9.703	ng		99
14) 1,2-Dichlorobenzene	7.039	146	38326	9.377	ng		99
15) Benzyl Alcohol	7.010	79	32205	8.774	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	70796	9.943	ng		96
17) 2-Methylphenol	7.122	107	29002	9.077	ng		98
18) Hexachloroethane	7.381	117	11554	7.103	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	28269	9.153	ng		99
20) 3+4-Methylphenols	7.281	107	37184	9.265	ng	#	86
22) Acetophenone	7.275	105	53320	11.117	ng		92
24) Nitrobenzene	7.445	77	39185	9.482	ng		98
25) Isophorone	7.686	82	72205	10.186	ng		99
26) 2-Nitrophenol	7.763	139	11415	6.425	ng		96
27) 2,4-Dimethylphenol	7.804	122	25709	11.820	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	43674	10.318	ng		99
29) 2,4-Dichlorophenol	8.016	162	26368	9.295	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	29682	9.252	ng		96
31) Naphthalene	8.169	128	104371	10.102	ng		99
32) Benzoic acid	7.892	122	15035m	6.952	ng		
33) 4-Chloroaniline	8.222	127	22258	6.365	ng		97
34) Hexachlorobutadiene	8.286	225	19729	9.503	ng		98
35) Caprolactam	8.557	113	8494	9.129	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	27571	8.585	ng		99
37) 2-Methylnaphthalene	8.863	142	65313	9.707	ng		99
38) 1-Methylnaphthalene	8.963	142	61367	9.330	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	29408	10.530	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	18345	9.744	ng		97
44) 2,4,5-Trichlorophenol	9.192	196	19511	9.610	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.322	154	78308	10.469	ng		99
47)	2-Chloronaphthalene	9.351	162	56413	10.060	ng		97
48)	2-Nitroaniline	9.445	65	21808	10.834	ng		97
49)	Acenaphthylene	9.763	152	95986	11.255	ng		100
50)	Dimethylphthalate	9.616	163	69103	10.496	ng		99
51)	2,6-Dinitrotoluene	9.686	165	10868	7.308	ng		94
52)	Acenaphthene	9.933	154	71717	12.250	ng		99
53)	3-Nitroaniline	9.857	138	14767	9.717	ng		99
55)	Dibenzofuran	10.110	168	94400	11.516	ng		99
56)	4-Nitrophenol	10.039	139	19478	16.806	ng		93
57)	2,4-Dinitrotoluene	10.092	165	14028	7.216	ng		97
58)	Fluorene	10.451	166	86621	13.267	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.233	232	17612m	10.740	ng		
60)	Diethylphthalate	10.316	149	72324	10.636	ng		99
61)	4-Chlorophenyl-phenyle...	10.445	204	32849	10.057	ng		98
62)	4-Nitroaniline	10.469	138	20065	12.907	ng		95
63)	Azobenzene	10.604	77	72281	10.570	ng		92
66)	n-Nitrosodiphenylamine	10.557	169	62206	10.369	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	19560	9.374	ng		99
68)	Hexachlorobenzene	10.998	284	21351	9.221	ng		99
69)	Atrazine	11.086	200	19835	12.323	ng		98
70)	Pentachlorophenol	11.198	266	20407	14.801	ng		97
71)	Phenanthrene	11.416	178	306262	31.915	ng		100
72)	Anthracene	11.469	178	168083	17.705	ng		99
73)	Carbazole	11.621	167	124286	13.631	ng		99
74)	Di-n-butylphthalate	11.951	149	124212	11.202	ng		100
75)	Fluoranthene	12.610	202	595817	56.798	ng		99
77)	Benzidine	12.733	184	28449	11.807	ng		96
78)	Pyrene	12.839	202	553050	45.266	ng		99
80)	Butylbenzylphthalate	13.451	149	54755	12.529	ng		97
81)	Benzo(a)anthracene	14.027	228	296538	33.017	ng		98
82)	3,3'-Dichlorobenzidine	13.986	252	20288	7.381	ng		95
83)	Chrysene	14.063	228	242040	29.477	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.004	149	81525	14.939	ng		99
85)	Di-n-octyl phthalate	14.621	149	115368	14.390	ng	#	98
87)	Indeno(1,2,3-cd)pyrene	16.992	276	122832	19.973	ng		96
88)	Benzo(b)fluoranthene	15.080	252	243460m	36.036	ng		
89)	Benzo(k)fluoranthene	15.104	252	107477m	18.754	ng		
90)	Benzo(a)pyrene	15.451	252	168847	31.696	ng		98
91)	Dibenzo(a,h)anthracene	17.003	278	61364	12.030	ng		95
92)	Benzo(g,h,i)perylene	17.445	276	99018	19.356	ng		99

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

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