Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
Data File : BF138099.D
Acq On : 03 Jun 2024 11:25
Operator : CG\JU
Sample : PB161242BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 03 12:51:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161242BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.033	152	151473	20.000	ng		0.00
21) Naphthalene-d8	8.322	136	596301	20.000	ng		0.00
39) Acenaphthene-d10	10.086	164	348014	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	593658	20.000	ng		0.00
76) Chrysene-d12	14.233	240	353564	20.000	ng	#	0.00
86) Perylene-d12	15.798	264	309131	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	1093386	129.038	ng		0.02
7) Phenol-d6	6.669	99	1365903	125.181	ng		0.00
23) Nitrobenzene-d5	7.604	82	847000	82.769	ng		0.00
42) 2,4,6-Tribromophenol	10.886	330	497111	122.459	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1838120	78.292	ng		0.00
79) Terphenyl-d14	13.168	244	2091908	85.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.057	88	129520	35.208	ng		96
3) Pyridine	3.804	79	289795	35.651	ng		98
4) n-Nitrosodimethylamine	3.763	42	161290	45.173	ng		95
6) Aniline	6.722	93	50040	11.830	ng		97
8) 2-Chlorophenol	6.828	128	453255	46.629	ng		95
9) Benzaldehyde	6.592	77	262217	54.060	ng		99
10) Phenol	6.681	94	495121	45.802	ng		99
11) bis(2-Chloroethyl)ether	6.769	93	463702	51.860	ng		97
12) 1,3-Dichlorobenzene	6.975	146	469830	41.595	ng		98
13) 1,4-Dichlorobenzene	7.051	146	474708	41.807	ng		98
14) 1,2-Dichlorobenzene	7.204	146	456353	42.475	ng		99
15) Benzyl Alcohol	7.181	79	330811	65.216	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	449774	45.639	ng		85
17) 2-Methylphenol	7.286	107	359733	46.104	ng		96
18) Hexachloroethane	7.545	117	161800	41.948	ng		95
19) n-Nitroso-di-n-propyla...	7.445	70	282717	44.683	ng		98
20) 3+4-Methylphenols	7.439	107	446610	45.533	ng	#	78
22) Acetophenone	7.445	105	584019	43.472	ng		98
24) Nitrobenzene	7.622	77	440453	43.244	ng		100
25) Isophorone	7.857	82	789639	44.725	ng		99
26) 2-Nitrophenol	7.933	139	252320	46.349	ng		99
27) 2,4-Dimethylphenol	7.963	122	336243	51.599	ng		97
28) bis(2-Chloroethoxy)met...	8.057	93	480986	44.517	ng		100
29) 2,4-Dichlorophenol	8.180	162	410536	46.941	ng		98
30) 1,2,4-Trichlorobenzene	8.257	180	412651	42.574	ng		99
31) Naphthalene	8.345	128	1314662	42.850	ng		100
32) Benzoic acid	8.110	122	263052	50.620	ng		100
33) 4-Chloroaniline	8.433	127	142204	13.734	ng		98
34) Hexachlorobutadiene	8.451	225	252106	40.269	ng		99
35) Caprolactam	8.780	113	112400m	42.520	ng		
36) 4-Chloro-3-methylphenol	8.875	107	406727	46.390	ng		98
37) 2-Methylnaphthalene	9.033	142	877438	43.467	ng		98
38) 1-Methylnaphthalene	9.139	142	814032	41.438	ng		99
40) 1,2,4,5-Tetrachloroben...	9.204	216	427614	43.288	ng		99
41) Hexachlorocyclopentadiene	9.186	237	412008	119.563	ng		98
43) 2,4,6-Trichlorophenol	9.316	196	290972	44.405	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	309409	43.307	ng		97
46)	1,1'-Biphenyl	9.504	154	1083222	43.276	ng		100
47)	2-Chloronaphthalene	9.533	162	835022	41.594	ng		98
48)	2-Nitroaniline	9.627	65	231469	46.045	ng		99
49)	Acenaphthylene	9.951	152	1324733	46.109	ng		99
50)	Dimethylphthalate	9.804	163	1021813	44.308	ng		99
51)	2,6-Dinitrotoluene	9.869	165	227195	42.913	ng		96
52)	Acenaphthene	10.122	154	770391	42.338	ng		99
53)	3-Nitroaniline	10.045	138	158533	31.459	ng		94
54)	2,4-Dinitrophenol	10.151	184	260024	101.017	ng		98
55)	Dibenzofuran	10.292	168	1209569	43.295	ng		100
56)	4-Nitrophenol	10.210	139	338426	100.759	ng		97
57)	2,4-Dinitrotoluene	10.274	165	313871	44.957	ng		95
58)	Fluorene	10.639	166	956365	42.488	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.410	232	257822	45.800	ng		98
60)	Diethylphthalate	10.504	149	963842	44.004	ng		99
61)	4-Chlorophenyl-phenyle...	10.627	204	480703	42.292	ng		98
62)	4-Nitroaniline	10.669	138	215676	47.141	ng		97
63)	Azobenzene	10.786	77	836524	44.444	ng		100
65)	4,6-Dinitro-2-methylph...	10.686	198	177629	47.717	ng		92
66)	n-Nitrosodiphenylamine	10.745	169	838895	45.425	ng		99
67)	4-Bromophenyl-phenylether	11.116	248	302168	43.424	ng	#	90
68)	Hexachlorobenzene	11.186	284	334601	43.274	ng		99
69)	Atrazine	11.274	200	264531	51.883	ng		100
70)	Pentachlorophenol	11.386	266	373410	93.285	ng		96
71)	Phenanthrene	11.610	178	1332092	44.609	ng		100
72)	Anthracene	11.663	178	1338230	44.935	ng		99
73)	Carbazole	11.816	167	1214233	43.883	ng		99
74)	Di-n-butylphthalate	12.127	149	1454282	44.040	ng		100
75)	Fluoranthene	12.804	202	1359507	43.149	ng		100
77)	Benzidine	12.933	184	25715m	7.881	ng		
78)	Pyrene	13.033	202	1379865	45.940	ng		99
80)	Butylbenzylphthalate	13.633	149	525531	48.192	ng		93
81)	Benzo(a)anthracene	14.221	228	1079122	46.734	ng		98
82)	3,3'-Dichlorobenzidine	14.180	252	252742	40.860	ng		100
83)	Chrysene	14.262	228	996729	45.716	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.186	149	718718	48.445	ng		98
85)	Di-n-octyl phthalate	14.815	149	1048480	48.224	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.445	276	957046	51.364	ng		99
88)	Benzo(b)fluoranthene	15.333	252	905655	47.555	ng		99
89)	Benzo(k)fluoranthene	15.362	252	887046	49.022	ng		99
90)	Benzo(a)pyrene	15.739	252	807088	50.698	ng		99
91)	Dibenzo(a,h)anthracene	17.462	278	792491	51.842	ng		99
92)	Benzo(g,h,i)perylene	17.945	276	743032	47.854	ng		99

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

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