Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
Data File : BF137899.D
Acq On : 13 May 2024 13:17
Operator : CG\JU
Sample : PB160855BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160855BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 13 14:32:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	144383	20.000	ng	-0.02
21) Naphthalene-d8	8.328	136	566828	20.000	ng	-0.02
39) Acenaphthene-d10	10.086	164	324938	20.000	ng	-0.02
64) Phenanthrene-d10	11.580	188	574496	20.000	ng	-0.02
76) Chrysene-d12	14.233	240	396812	20.000	ng	-0.02
86) Perylene-d12	15.792	264	310445	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1079720	125.206	ng	0.00
7) Phenol-d6	6.663	99	1324673	121.106	ng	-0.01
23) Nitrobenzene-d5	7.604	82	814609	83.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.881	330	464395	139.975	ng	-0.02
45) 2-Fluorobiphenyl	9.404	172	1738633	86.807	ng	-0.02
79) Terphenyl-d14	13.169	244	2154209	90.979	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	132966	34.241	ng	97
3) Pyridine	3.793	79	322473	34.311	ng	96
4) n-Nitrosodimethylamine	3.757	42	161075	38.060	ng	95
6) Aniline	6.704	93	350057m	32.289	ng	
8) 2-Chlorophenol	6.828	128	415740	44.238	ng	97
9) Benzaldehyde	6.593	77	136595	23.189	ng	99
10) Phenol	6.675	94	461292	41.157	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	364697	41.556	ng	99
12) 1,3-Dichlorobenzene	6.987	146	439778	41.498	ng	97
13) 1,4-Dichlorobenzene	7.057	146	446564	41.995	ng	100
14) 1,2-Dichlorobenzene	7.210	146	425775	42.511	ng	98
15) Benzyl Alcohol	7.181	79	328121	43.378	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	456151	36.979	ng	96
17) 2-Methylphenol	7.281	107	326287	43.028	ng	100
18) Hexachloroethane	7.557	117	152477	42.415	ng	98
19) n-Nitroso-di-n-propyla...	7.451	70	263171	40.260	ng	94
20) 3+4-Methylphenols	7.434	107	420431	42.141	ng	92
22) Acetophenone	7.451	105	554691	43.511	ng	97
24) Nitrobenzene	7.622	77	404466	40.224	ng	97
25) Isophorone	7.857	82	743343	42.257	ng	100
26) 2-Nitrophenol	7.940	139	214878	47.189	ng	97
27) 2,4-Dimethylphenol	7.963	122	303707	46.329	ng	94
28) bis(2-Chloroethoxy)met...	8.063	93	445443	41.823	ng	100
29) 2,4-Dichlorophenol	8.175	162	353333	44.592	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	373282	43.214	ng	99
31) Naphthalene	8.351	128	1205852	42.808	ng	100
32) Benzoic acid	8.081	122	233366	41.264	ng	95
33) 4-Chloroaniline	8.392	127	151901	14.542	ng	97
34) Hexachlorobutadiene	8.457	225	228606	43.107	ng	99
35) Caprolactam	8.757	113	115350m	45.946	ng	
36) 4-Chloro-3-methylphenol	8.863	107	369724	44.744	ng	93
37) 2-Methylnaphthalene	9.039	142	799348	43.839	ng	99
38) 1-Methylnaphthalene	9.139	142	737174	41.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	376473	43.745	ng	99
41) Hexachlorocyclopentadiene	9.192	237	444016	127.021	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	258614	44.145	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	275565	42.600	ng		95
46) 1,1'-Biphenyl	9.504	154	958728	42.992	ng		99
47) 2-Chloronaphthalene	9.534	162	754555	41.911	ng		99
48) 2-Nitroaniline	9.622	65	212962	43.615	ng		98
49) Acenaphthylene	9.951	152	1209665	46.447	ng		100
50) Dimethylphthalate	9.798	163	919775	44.839	ng		100
51) 2,6-Dinitrotoluene	9.863	165	203788	43.471	ng		98
52) Acenaphthene	10.122	154	800811	46.389	ng		98
53) 3-Nitroaniline	10.034	138	147218	29.988	ng		93
54) 2,4-Dinitrophenol	10.139	184	213750	92.797	ng	#	88
55) Dibenzofuran	10.298	168	1101124	43.832	ng		96
56) 4-Nitrophenol	10.186	139	347964	85.521	ng		95
57) 2,4-Dinitrotoluene	10.269	165	283255	46.250	ng		100
58) Fluorene	10.639	166	871484	43.589	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	234083	44.573	ng		98
60) Diethylphthalate	10.498	149	875091	44.918	ng		99
61) 4-Chlorophenyl-phenyle...	10.628	204	427647	43.411	ng		100
62) 4-Nitroaniline	10.657	138	210221	42.218	ng		96
63) Azobenzene	10.786	77	801990	42.592	ng		97
65) 4,6-Dinitro-2-methylph...	10.681	198	152897	46.369	ng		83
66) n-Nitrosodiphenylamine	10.745	169	766510	44.573	ng		99
67) 4-Bromophenyl-phenylether	11.122	248	272285	44.286	ng		97
68) Hexachlorobenzene	11.186	284	293020	43.611	ng		96
69) Atrazine	11.269	200	264084	50.364	ng		98
70) Pentachlorophenol	11.381	266	372378	80.726	ng		99
71) Phenanthrene	11.610	178	1256865	44.885	ng		99
72) Anthracene	11.657	178	1297488	46.569	ng		100
73) Carbazole	11.810	167	1180446	43.962	ng		99
74) Di-n-butylphthalate	12.128	149	1367870	46.700	ng		99
75) Fluoranthene	12.798	202	1350558	44.123	ng		100
77) Benzidine	12.916	184	178597	19.461	ng		99
78) Pyrene	13.033	202	1373997	43.671	ng		99
80) Butylbenzylphthalate	13.639	149	524935	52.586	ng		93
81) Benzo(a)anthracene	14.221	228	1168171	46.028	ng		99
82) 3,3'-Dichlorobenzidine	14.180	252	233833	30.776	ng		98
83) Chrysene	14.263	228	1106233	46.551	ng		98
84) Bis(2-ethylhexyl)phtha...	14.186	149	692649	55.056	ng		99
85) Di-n-octyl phthalate	14.816	149	1011488	59.741	ng		97
87) Indeno(1,2,3-cd)pyrene	17.421	276	816019	46.234	ng		99
88) Benzo(b)fluoranthene	15.321	252	897325	46.457	ng		99
89) Benzo(k)fluoranthene	15.357	252	861503	46.147	ng		99
90) Benzo(a)pyrene	15.727	252	765401	48.573	ng		100
91) Dibenzo(a,h)anthracene	17.439	278	661031	46.012	ng		99
92) Benzo(g,h,i)perylene	17.915	276	636482	42.262	ng		98

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

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