Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
Data File : BF137897.D
Acq On : 13 May 2024 12:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 13:33:24 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	168521	20.000	ng	-0.01
21) Naphthalene-d8	8.328	136	647252	20.000	ng	-0.02
39) Acenaphthene-d10	10.092	164	359965	20.000	ng	-0.02
64) Phenanthrene-d10	11.580	188	611908	20.000	ng	-0.02
76) Chrysene-d12	14.233	240	356756	20.000	ng	#-0.02
86) Perylene-d12	15.792	264	306924	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	1059891	105.302	ng	-0.01
7) Phenol-d6	6.663	99	1323614	103.677	ng	-0.01
23) Nitrobenzene-d5	7.610	82	866795	77.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	403866	109.886	ng	-0.02
45) 2-Fluorobiphenyl	9.404	172	1765593	79.575	ng	-0.02
79) Terphenyl-d14	13.169	244	1882865	88.448	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.946	88	208334	45.965	ng	95
3) Pyridine	3.716	79	390236	35.574	ng	97
4) n-Nitrosodimethylamine	3.687	42	187790	38.017	ng	95
6) Aniline	6.710	93	402621m	31.818	ng	
8) 2-Chlorophenol	6.828	128	420657	38.350	ng	99
9) Benzaldehyde	6.598	77	277298	40.333	ng	97
10) Phenol	6.675	94	483891	36.990	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	382667	37.358	ng	99
12) 1,3-Dichlorobenzene	6.987	146	482715	39.025	ng	98
13) 1,4-Dichlorobenzene	7.063	146	488514	39.360	ng	99
14) 1,2-Dichlorobenzene	7.216	146	455094	38.930	ng	98
15) Benzyl Alcohol	7.181	79	337813	38.262	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	475431	33.021	ng	96
17) 2-Methylphenol	7.281	107	342726	38.722	ng	99
18) Hexachloroethane	7.557	117	166042	39.573	ng	97
19) n-Nitroso-di-n-propyla...	7.451	70	274854	36.025	ng	97
20) 3+4-Methylphenols	7.434	107	447427	38.423	ng	97
22) Acetophenone	7.451	105	566615	38.924	ng	98
24) Nitrobenzene	7.628	77	441727	38.471	ng	95
25) Isophorone	7.863	82	762134	37.942	ng	97
26) 2-Nitrophenol	7.940	139	218774	42.075	ng	93
27) 2,4-Dimethylphenol	7.963	122	288912	38.596	ng	96
28) bis(2-Chloroethoxy)met...	8.069	93	461089	37.913	ng	99
29) 2,4-Dichlorophenol	8.175	162	361121	39.912	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	397164	40.266	ng	98
31) Naphthalene	8.351	128	1272139	39.550	ng	100
32) Benzoic acid	8.075	122	246360	38.149	ng	97
33) 4-Chloroaniline	8.392	127	406572	34.086	ng	99
34) Hexachlorobutadiene	8.463	225	252185	41.644	ng	97
35) Caprolactam	8.763	113	109055	38.041	ng	97
36) 4-Chloro-3-methylphenol	8.863	107	374146	39.653	ng	95
37) 2-Methylnaphthalene	9.039	142	817218	39.250	ng	100
38) 1-Methylnaphthalene	9.139	142	794392	38.781	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	385253	40.409	ng	100
41) Hexachlorocyclopentadiene	9.192	237	150664	38.907	ng	97
43) 2,4,6-Trichlorophenol	9.310	196	251976	38.827	ng	99

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44) 2,4,5-Trichlorophenol	9.351	196	283594	39.575	ng		97
46) 1,1'-Biphenyl	9.504	154	978077	39.592	ng		100
47) 2-Chloronaphthalene	9.534	162	783889	39.304	ng		98
48) 2-Nitroaniline	9.628	65	210486	38.913	ng		93
49) Acenaphthylene	9.951	152	1134755	39.331	ng		99
50) Dimethylphthalate	9.804	163	885068	38.948	ng		99
51) 2,6-Dinitrotoluene	9.863	165	207183	39.895	ng		100
52) Acenaphthene	10.122	154	752743	39.361	ng		99
53) 3-Nitroaniline	10.039	138	204109	37.531	ng		100
54) 2,4-Dinitrophenol	10.139	184	86221	33.789	ng		96
55) Dibenzofuran	10.292	168	1085645	39.010	ng		99
56) 4-Nitrophenol	10.181	139	161666	35.867	ng		96
57) 2,4-Dinitrotoluene	10.269	165	272968	40.234	ng		99
58) Fluorene	10.639	166	851880	38.462	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	214387	36.850	ng		98
60) Diethylphthalate	10.498	149	851629	39.460	ng		99
61) 4-Chlorophenyl-phenyle...	10.628	204	425117	38.955	ng		99
62) 4-Nitroaniline	10.657	138	198573	35.998	ng		98
63) Azobenzene	10.786	77	772251	37.022	ng		98
65) 4,6-Dinitro-2-methylph...	10.675	198	135350	38.538	ng		98
66) n-Nitrosodiphenylamine	10.745	169	728611	39.778	ng		99
67) 4-Bromophenyl-phenylether	11.122	248	265035	40.471	ng		97
68) Hexachlorobenzene	11.186	284	284775	39.792	ng		98
69) Atrazine	11.263	200	182663	32.706	ng		98
70) Pentachlorophenol	11.375	266	178078	36.244	ng		99
71) Phenanthrene	11.610	178	1159689	38.883	ng		99
72) Anthracene	11.657	178	1154403	38.900	ng		99
73) Carbazole	11.810	167	1091100	38.150	ng		99
74) Di-n-butylphthalate	12.127	149	1268910	40.672	ng		99
75) Fluoranthene	12.798	202	1227636	37.655	ng		99
77) Benzidine	12.916	184	61289	7.428	ng		100
78) Pyrene	13.033	202	1226265	43.352	ng		99
80) Butylbenzylphthalate	13.633	149	410798	45.772	ng		98
81) Benzo(a)anthracene	14.221	228	906032	39.707	ng		99
82) 3,3'-Dichlorobenzidine	14.180	252	248603	36.394	ng	#	98
83) Chrysene	14.257	228	849850	39.778	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	521071	46.069	ng		99
85) Di-n-octyl phthalate	14.816	149	713436	46.868	ng		97
87) Indeno(1,2,3-cd)pyrene	17.421	276	823085	47.169	ng		99
88) Benzo(b)fluoranthene	15.321	252	694461	36.367	ng		99
89) Benzo(k)fluoranthene	15.351	252	714922	38.734	ng		100
90) Benzo(a)pyrene	15.721	252	615207	39.489	ng		99
91) Dibenzo(a,h)anthracene	17.439	278	678145	47.745	ng		100
92) Benzo(g,h,i)perylene	17.921	276	711018	47.753	ng		98

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

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