Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137573.D
Acq On : 13 Mar 2024 10:28
Operator : CG\JU
Sample : PB159549BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 11:22:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159549BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	226722	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	900201	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	492149	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	872067	20.000	ng		0.00
76) Chrysene-d12	14.098	240	503230	20.000	ng		0.00
86) Perylene-d12	15.651	264	435106	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1880248	125.604	ng		0.02
7) Phenol-d6	6.557	99	2542420	117.659	ng		0.00
23) Nitrobenzene-d5	7.469	82	1642867	84.797	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	643412	148.872	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2571427	81.789	ng		0.00
79) Terphenyl-d14	13.039	244	2943386	80.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	294996	36.040	ng		97
3) Pyridine	3.663	79	667113	33.794	ng		99
4) n-Nitrosodimethylamine	3.646	42	336827	42.587	ng		96
6) Aniline	6.581	93	568890	21.546	ng		93
8) 2-Chlorophenol	6.698	128	745314	47.204	ng		98
9) Benzaldehyde	6.469	77	300761	28.411	ng		94
10) Phenol	6.569	94	986205	42.403	ng		95
11) bis(2-Chloroethyl)ether	6.651	93	782726	45.926	ng		99
12) 1,3-Dichlorobenzene	6.845	146	764791	45.329	ng		99
13) 1,4-Dichlorobenzene	6.922	146	780863	45.234	ng		98
14) 1,2-Dichlorobenzene	7.069	146	739847	46.694	ng		99
15) Benzyl Alcohol	7.051	79	684948	50.916	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1216397	41.521	ng		91
17) 2-Methylphenol	7.163	107	620796	42.018	ng		97
18) Hexachloroethane	7.404	117	270302	47.554	ng		95
19) n-Nitroso-di-n-propyla...	7.322	70	566647	42.466	ng		100
20) 3+4-Methylphenols	7.316	107	708245	41.856	ng		93
22) Acetophenone	7.316	105	977433	44.876	ng	#	97
24) Nitrobenzene	7.487	77	846587	43.499	ng		97
25) Isophorone	7.722	82	1646274	44.727	ng		99
26) 2-Nitrophenol	7.798	139	389454	50.403	ng		95
27) 2,4-Dimethylphenol	7.839	122	564534	39.101	ng		98
28) bis(2-Chloroethoxy)met...	7.934	93	972194	45.017	ng		99
29) 2,4-Dichlorophenol	8.039	162	625074	47.173	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	643157	46.123	ng		99
31) Naphthalene	8.198	128	2085963	43.188	ng		100
32) Benzoic acid	7.992	122	390502	47.102	ng		96
33) 4-Chloroaniline	8.251	127	309203	16.326	ng		98
34) Hexachlorobutadiene	8.310	225	377721	45.883	ng		99
35) Caprolactam	8.634	113	219350m	48.819	ng		
36) 4-Chloro-3-methylphenol	8.745	107	683115	46.121	ng		98
37) 2-Methylnaphthalene	8.892	142	1285428	41.748	ng		99
38) 1-Methylnaphthalene	8.992	142	1211039	41.765	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	634938	46.212	ng		99
41) Hexachlorocyclopentadiene	9.039	237	519760	91.389	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	430205	48.082	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	460006	44.631	ng		98
46) 1,1'-Biphenyl	9.357	154	1583841	43.970	ng		99
47) 2-Chloronaphthalene	9.381	162	1275501	46.444	ng		98
48) 2-Nitroaniline	9.486	65	458301	49.098	ng		98
49) Acenaphthylene	9.798	152	1971924	44.867	ng		100
50) Dimethylphthalate	9.669	163	1574726	45.965	ng		99
51) 2,6-Dinitrotoluene	9.728	165	345467	48.211	ng		99
52) Acenaphthene	9.969	154	1124465	42.855	ng		98
53) 3-Nitroaniline	9.898	138	253699	33.472	ng		100
54) 2,4-Dinitrophenol	10.010	184	354151	99.137	ng		96
55) Dibenzofuran	10.145	168	1674984	41.913	ng		100
56) 4-Nitrophenol	10.075	139	501978	92.349	ng		99
57) 2,4-Dinitrotoluene	10.139	165	421545	47.883	ng		92
58) Fluorene	10.492	166	1289067	42.001	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	387313m	46.861	ng		
60) Diethylphthalate	10.375	149	1466342	45.325	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	634592	42.189	ng		99
62) 4-Nitroaniline	10.528	138	304673	46.769	ng		95
63) Azobenzene	10.645	77	1607689	43.156	ng		99
65) 4,6-Dinitro-2-methylph...	10.551	198	258296	53.143	ng		83
66) n-Nitrosodiphenylamine	10.610	169	1205240	42.919	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	423844	44.623	ng		96
68) Hexachlorobenzene	11.039	284	465501	48.523	ng	#	92
69) Atrazine	11.145	200	361832	42.385	ng		99
70) Pentachlorophenol	11.239	266	508126	87.616	ng		99
71) Phenanthrene	11.457	178	2012671	42.408	ng		99
72) Anthracene	11.510	178	2046251	41.980	ng		100
73) Carbazole	11.669	167	1841715	44.110	ng		99
74) Di-n-butylphthalate	12.010	149	2254002	45.374	ng		99
75) Fluoranthene	12.657	202	2015828	43.453	ng		98
77) Benzidine	12.786	184	138012	11.207	ng		100
78) Pyrene	12.886	202	2043037	41.375	ng		99
80) Butylbenzylphthalate	13.521	149	772051	61.223	ng		95
81) Benzo(a)anthracene	14.086	228	1525709	43.257	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	367307	39.106	ng		99
83) Chrysene	14.127	228	1577287	44.246	ng		100
84) Bis(2-ethylhexyl)phtha...	14.086	149	963319	60.101	ng	#	98
85) Di-n-octyl phthalate	14.715	149	1711206	54.531	ng		97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1328913	46.412	ng		98
88) Benzo(b)fluoranthene	15.186	252	1398550	54.337	ng		99
89) Benzo(k)fluoranthene	15.221	252	1238796	44.810	ng		98
90) Benzo(a)pyrene	15.586	252	1187847	46.833	ng		99
91) Dibenzo(a,h)anthracene	17.315	278	1081461	46.560	ng		98
92) Benzo(g,h,i)perylene	17.792	276	1074380	45.040	ng		98

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

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