Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137434.D
Acq On : 28 Feb 2024 20:49
Operator : CG\JU
Sample : P1523-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 03:16:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	130764	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	543526	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	333508	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	656176	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	386987	20.000	ng		0.00
86) Perylene-d12	15.457	264	386562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	397004	46.847	ng		-0.02
7) Phenol-d6	6.422	99	948335	76.073	ng		-0.02
23) Nitrobenzene-d5	7.345	82	915699	84.110	ng		-0.02
42) 2,4,6-Tribromophenol	10.616	330	84308	29.030	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1515884	70.763	ng		-0.01
79) Terphenyl-d14	12.916	244	1938875	70.077	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	186537	40.181	ng		96
3) Pyridine	3.246	79	428322	36.626	ng		97
4) n-Nitrosodimethylamine	3.210	42	162796	37.686	ng		99
6) Aniline	6.445	93	432251	29.239	ng	#	90
8) 2-Chlorophenol	6.569	128	455346	50.096	ng		95
9) Benzaldehyde	6.334	77	69883	11.644	ng		98
10) Phenol	6.434	94	657669	48.204	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	479780	48.395	ng		100
12) 1,3-Dichlorobenzene	6.722	146	464324	47.570	ng		98
13) 1,4-Dichlorobenzene	6.798	146	490440	48.802	ng		98
14) 1,2-Dichlorobenzene	6.951	146	453353	48.770	ng		97
15) Benzyl Alcohol	6.928	79	420178	56.544	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	813453	49.365	ng		99
17) 2-Methylphenol	7.039	107	382848	44.517	ng		99
18) Hexachloroethane	7.287	117	158871	45.877	ng		91
19) n-Nitroso-di-n-propyla...	7.198	70	367189	47.799	ng		97
20) 3+4-Methylphenols	7.198	107	475226	48.482	ng	#	79
22) Acetophenone	7.192	105	637711	48.385	ng		96
24) Nitrobenzene	7.369	77	544376	49.210	ng		99
25) Isophorone	7.604	82	1051440	46.701	ng		99
26) 2-Nitrophenol	7.681	139	227144	53.388	ng		97
27) 2,4-Dimethylphenol	7.722	122	355457	42.929	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	624518	48.125	ng		100
29) 2,4-Dichlorophenol	7.922	162	405804	52.291	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	398695	47.864	ng		99
31) Naphthalene	8.086	128	1347089	46.183	ng		99
32) Benzoic acid	7.851	122	241309	47.681	ng		99
33) 4-Chloroaniline	8.139	127	202431	18.247	ng		94
34) Hexachlorobutadiene	8.198	225	229258	46.329	ng		98
35) Caprolactam	8.504	113	154197m	64.251	ng		
36) 4-Chloro-3-methylphenol	8.628	107	464144	52.755	ng		95
37) 2-Methylnaphthalene	8.775	142	869856	46.280	ng		99
38) 1-Methylnaphthalene	8.875	142	820542	46.175	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	417696	45.472	ng		99
41) Hexachlorocyclopentadiene	8.928	237	139196	33.423	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	294061	49.373	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	311187	45.542	ng		98
46) 1,1'-Biphenyl	9.245	154	1118002	46.026	ng		98
47) 2-Chloronaphthalene	9.269	162	879254	47.931	ng		98
48) 2-Nitroaniline	9.369	65	331180	58.431	ng		99
49) Acenaphthylene	9.686	152	1452244	48.726	ng		99
50) Dimethylphthalate	9.551	163	1124357	48.789	ng		99
51) 2,6-Dinitrotoluene	9.610	165	244852	57.111	ng	#	85
52) Acenaphthene	9.857	154	814664	45.791	ng		99
53) 3-Nitroaniline	9.780	138	216532	44.387	ng		97
54) 2,4-Dinitrophenol	9.892	184	219920	101.444	ng		89
55) Dibenzofuran	10.028	168	1304728	47.450	ng		98
56) 4-Nitrophenol	9.957	139	396161	107.333	ng		96
57) 2,4-Dinitrotoluene	10.016	165	331743	60.911	ng		97
58) Fluorene	10.375	166	1000157	47.628	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	277903m	49.114	ng		
60) Diethylphthalate	10.251	149	1127871	52.420	ng		100
61) 4-Chlorophenyl-phenyle...	10.369	204	475427	46.025	ng		99
62) 4-Nitroaniline	10.404	138	216220	47.939	ng		98
63) Azobenzene	10.528	77	1256395	48.806	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	168850	52.190	ng		83
66) n-Nitrosodiphenylamine	10.492	169	931978	43.733	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	315985	44.794	ng		98
68) Hexachlorobenzene	10.922	284	333002	45.634	ng		99
69) Atrazine	11.027	200	313785	54.561	ng		98
70) Pentachlorophenol	11.122	266	357236	77.267	ng		99
71) Phenanthrene	11.339	178	1625794	44.909	ng		99
72) Anthracene	11.392	178	1662391	44.558	ng		100
73) Carbazole	11.551	167	1509376	47.351	ng		99
74) Di-n-butylphthalate	11.892	149	1936814	60.724	ng		99
75) Fluoranthene	12.539	202	1649831	46.687	ng		100
77) Benzidine	12.669	184	163950	28.162	ng		98
78) Pyrene	12.763	202	1690619	46.201	ng		100
80) Butylbenzylphthalate	13.398	149	576139	83.735	ng		95
81) Benzo(a)anthracene	13.963	228	1285270	47.862	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	349370	54.975	ng		97
83) Chrysene	14.004	228	1297406	47.295	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	864563	95.641	ng		98
85) Di-n-octyl phthalate	14.586	149	1567697	88.412	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.968	276	1040861	39.242	ng		99
88) Benzo(b)fluoranthene	15.027	252	1187665	50.084	ng		99
89) Benzo(k)fluoranthene	15.057	252	1116256	44.912	ng		98
90) Benzo(a)pyrene	15.398	252	1033127	45.931	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	842013	38.700	ng		99
92) Benzo(g,h,i)perylene	17.421	276	779043	34.947	ng		100

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

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