Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133188.D
Acq On : 02 May 2023 14:45
Operator : CG\JU
Sample : 02270-26MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-14-16-20230413MS

Quant Time: May 02 15:09:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 10:52:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	204532	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	827271	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	431750	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	762136	20.000	ng		0.00
76) Chrysene-d12	13.886	240	437026	20.000	ng		0.00
86) Perylene-d12	15.303	264	382906	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1438506	106.244	ng		0.02
7) Phenol-d6	6.381	99	1775506	105.650	ng		0.00
23) Nitrobenzene-d5	7.298	82	1081178	70.543	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	450980	103.863	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1914148	74.172	ng		0.00
79) Terphenyl-d14	12.839	244	2105496	83.091	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	301428	47.997	ng		97
3) Pyridine	3.198	79	737687	44.225	ng		96
4) n-Nitrosodimethylamine	3.157	42	394968	45.715	ng		94
6) Aniline	6.398	93	301141	13.913	ng	#	1
8) 2-Chlorophenol	6.516	128	700008	50.920	ng		98
9) Benzaldehyde	6.275	77	408872	64.864	ng		98
10) Phenol	6.392	94	836494	45.119	ng		99
11) bis(2-Chloroethyl)ether	6.469	93	907025	65.196	ng		99
12) 1,3-Dichlorobenzene	6.675	146	723602	49.508	ng		96
13) 1,4-Dichlorobenzene	6.751	146	734070	50.113	ng		97
14) 1,2-Dichlorobenzene	6.904	146	700914	51.901	ng		99
15) Benzyl Alcohol	6.880	79	579022	49.878	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1068924	44.236	ng		95
17) 2-Methylphenol	6.998	107	578442	45.952	ng		98
18) Hexachloroethane	7.245	117	256837	50.432	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	452451	43.246	ng		93
20) 3+4-Methylphenols	7.151	107	695785	46.935	ng	#	83
22) Acetophenone	7.145	105	940463	49.076	ng	#	96
24) Nitrobenzene	7.316	77	709679	45.695	ng		97
25) Isophorone	7.557	82	1318142	45.298	ng		99
26) 2-Nitrophenol	7.633	139	389213	51.958	ng		97
27) 2,4-Dimethylphenol	7.680	122	633272	49.302	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	796650	46.277	ng		99
29) 2,4-Dichlorophenol	7.880	162	566550	48.451	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	591566	48.833	ng		99
31) Naphthalene	8.039	128	1942382	46.962	ng		99
32) Benzoic acid	7.822	122	471364	59.410	ng		98
33) 4-Chloroaniline	8.086	127	104171	6.234	ng		98
34) Hexachlorobutadiene	8.157	225	317069	47.224	ng		100
35) Caprolactam	8.463	113	150121	38.216	ng		95
36) 4-Chloro-3-methylphenol	8.580	107	621463	49.285	ng		96
37) 2-Methylnaphthalene	8.727	142	1280002	45.266	ng		98
38) 1-Methylnaphthalene	8.827	142	1204750	45.543	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	523737	45.117	ng		99
41) Hexachlorocyclopentadiene	8.886	237	624730	92.277	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	387835	48.310	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	421095	45.353	ng		96
46) 1,1'-Biphenyl	9.192	154	1565198	45.718	ng		100
47) 2-Chloronaphthalene	9.216	162	1200214	47.897	ng		99
48) 2-Nitroaniline	9.316	65	376788	45.497	ng		96
49) Acenaphthylene	9.633	152	1806119	45.108	ng		99
50) Dimethylphthalate	9.498	163	1404490	46.653	ng		100
51) 2,6-Dinitrotoluene	9.557	165	328663	48.505	ng		96
52) Acenaphthene	9.804	154	1135547	42.345	ng		100
53) 3-Nitroaniline	9.727	138	252855	31.385	ng		94
54) 2,4-Dinitrophenol	9.833	184	388672	114.118	ng		97
55) Dibenzofuran	9.974	168	1638762	44.799	ng		98
56) 4-Nitrophenol	9.904	139	607417	97.342	ng		97
57) 2,4-Dinitrotoluene	9.963	165	424583	49.135	ng		94
58) Fluorene	10.321	166	1210246	45.158	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	339471	47.161	ng		98
60) Diethylphthalate	10.198	149	1302803	45.815	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	581007	44.487	ng		96
62) 4-Nitroaniline	10.345	138	329267	44.466	ng		96
63) Azobenzene	10.468	77	1373704	45.602	ng		98
65) 4,6-Dinitro-2-methylph...	10.368	198	259251	56.121	ng		80
66) n-Nitrosodiphenylamine	10.433	169	1111359	44.955	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	373421	45.177	ng		96
68) Hexachlorobenzene	10.868	284	404893	47.804	ng		97
69) Atrazine	10.963	200	370658	52.034	ng		99
70) Pentachlorophenol	11.063	266	482102	79.922	ng		98
71) Phenanthrene	11.280	178	1842795	44.987	ng		99
72) Anthracene	11.327	178	1885161	44.970	ng		99
73) Carbazole	11.486	167	1706947	45.729	ng		100
74) Di-n-butylphthalate	11.821	149	2035789	48.194	ng		99
75) Fluoranthene	12.462	202	1833961	44.610	ng		99
77) Benzidine	12.839	184	25047	3.389	ng	#	92
78) Pyrene	12.692	202	1882556	50.251	ng		99
80) Butylbenzylphthalate	13.315	149	815615	61.487	ng		99
81) Benzo(a)anthracene	13.874	228	1353766	45.046	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	379292	45.686	ng		98
83) Chrysene	13.915	228	1355474	45.114	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	925257	55.572	ng		99
85) Di-n-octyl phthalate	14.486	149	1614766	59.480	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1349485	61.958	ng		99
88) Benzo(b)fluoranthene	14.903	252	1193773	49.005	ng		99
89) Benzo(k)fluoranthene	14.933	252	1108892	45.921	ng		100
90) Benzo(a)pyrene	15.245	252	1003816	45.273	ng		98
91) Dibenzo(a,h)anthracene	16.703	278	1120860	61.701	ng		100
92) Benzo(g,h,i)perylene	17.109	276	1142442	63.701	ng		97

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

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