Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129406.D
Acq On : 28 Jul 2022 13:36
Operator : CG\JU
Sample : N3893-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 29 02:07:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RVE-8MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	181369	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	714090	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	355961	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	533813	20.000	ng		0.00
76) Chrysene-d12	14.063	240	308041	20.000	ng		0.00
86) Perylene-d12	15.557	264	376534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1182148	106.177	ng		0.02
7) Phenol-d6	6.528	99	1500223	107.201	ng		0.01
23) Nitrobenzene-d5	7.451	82	937740	71.686	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	351633	102.748	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1666539	72.425	ng		0.00
79) Terphenyl-d14	12.998	244	1221234	74.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	221597	44.113	ng		89
3) Pyridine	3.516	79	583924	41.858	ng		93
4) n-Nitrosodimethylamine	3.469	42	297753	48.606	ng	#	87
6) Aniline	6.551	93	623956	35.865	ng		98
8) 2-Chlorophenol	6.675	128	603917	49.648	ng		96
9) Benzaldehyde	6.440	77	293929	30.928	ng		99
10) Phenol	6.540	94	714333m	47.933	ng		
11) bis(2-Chloroethyl)ether	6.622	93	571210	48.330	ng		93
12) 1,3-Dichlorobenzene	6.828	146	626481	48.022	ng		97
13) 1,4-Dichlorobenzene	6.904	146	622787	46.940	ng		98
14) 1,2-Dichlorobenzene	7.051	146	604026	49.530	ng		97
15) Benzyl Alcohol	7.034	79	503907	49.648	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	823077	46.329	ng		90
17) 2-Methylphenol	7.145	107	468349	46.412	ng		97
18) Hexachloroethane	7.398	117	241224	48.285	ng		94
19) n-Nitroso-di-n-propyla...	7.298	70	391787	46.244	ng		95
20) 3+4-Methylphenols	7.298	107	561213	43.741	ng	#	77
22) Acetophenone	7.293	105	781017	46.977	ng	#	93
24) Nitrobenzene	7.469	77	624591	46.367	ng		99
25) Isophorone	7.710	82	1111942	47.421	ng		98
26) 2-Nitrophenol	7.787	139	313009	47.101	ng		94
27) 2,4-Dimethylphenol	7.822	122	531006m	53.270	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	690382	50.754	ng		100
29) 2,4-Dichlorophenol	8.028	162	471524	45.830	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	486971	45.727	ng		98
31) Naphthalene	8.192	128	1647711	45.416	ng		100
32) Benzoic acid	7.940	122	241922	33.571	ng		98
33) 4-Chloroaniline	8.240	127	307517	20.646	ng		98
34) Hexachlorobutadiene	8.304	225	289584	47.837	ng		100
35) Caprolactam	8.622	113	149929m	44.822	ng		
36) 4-Chloro-3-methylphenol	8.728	107	508790	46.625	ng		96
37) 2-Methylnaphthalene	8.881	142	1075440	45.614	ng		99
38) 1-Methylnaphthalene	8.981	142	1012923	44.505	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	459734	49.186	ng		98
41) Hexachlorocyclopentadiene	9.034	237	443985	106.675	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	313053	46.114	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	337085	45.660	ng	#	91
46)	1,1'-Biphenyl	9.345	154	1274305	49.053	ng		99
47)	2-Chloronaphthalene	9.375	162	989966	47.140	ng		99
48)	2-Nitroaniline	9.475	65	318518	45.612	ng		91
49)	Acenaphthylene	9.792	152	1494847	46.845	ng		99
50)	Dimethylphthalate	9.651	163	1146744	46.667	ng		99
51)	2,6-Dinitrotoluene	9.716	165	257532	46.824	ng		98
52)	Acenaphthene	9.963	154	1029916m	49.415	ng		
53)	3-Nitroaniline	9.886	138	183180	28.205	ng	#	91
54)	2,4-Dinitrophenol	9.992	184	217388	77.425	ng		97
55)	Dibenzofuran	10.134	168	1317397	45.852	ng		96
56)	4-Nitrophenol	10.057	139	352175	73.502	ng		96
57)	2,4-Dinitrotoluene	10.122	165	326488	45.441	ng		92
58)	Fluorene	10.481	166	1031782	44.883	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.251	232	234444m	41.093	ng		
60)	Diethylphthalate	10.345	149	1095632	46.123	ng		98
61)	4-Chlorophenyl-phenyle...	10.469	204	477604	47.126	ng		95
62)	4-Nitroaniline	10.504	138	240875	37.387	ng		97
63)	Azobenzene	10.628	77	1055163	43.550	ng		95
65)	4,6-Dinitro-2-methylph...	10.528	198	141111	41.881	ng		94
66)	n-Nitrosodiphenylamine	10.586	169	900757	50.669	ng		97
67)	4-Bromophenyl-phenylether	10.957	248	295607	50.571	ng		93
68)	Hexachlorobenzene	11.028	284	313188	49.448	ng		96
69)	Atrazine	11.116	200	268944	49.807	ng		97
70)	Pentachlorophenol	11.222	266	256357	74.453	ng		97
71)	Phenanthrene	11.445	178	1336557	45.868	ng		99
72)	Anthracene	11.498	178	1353502	47.267	ng		99
73)	Carbazole	11.651	167	1150745	42.690	ng		99
74)	Di-n-butylphthalate	11.975	149	1482018	46.167	ng		99
75)	Fluoranthene	12.633	202	1174928	39.795	ng		99
77)	Benzidine	12.757	184	412512	37.907	ng		99
78)	Pyrene	12.863	202	1158748	44.984	ng		99
80)	Butylbenzylphthalate	13.474	149	460981	41.258	ng		97
81)	Benzo(a)anthracene	14.051	228	976993	46.430	ng		100
82)	3,3'-Dichlorobenzidine	14.016	252	279789	40.272	ng		96
83)	Chrysene	14.092	228	933627	47.078	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	629261	42.779	ng		100
85)	Di-n-octyl phthalate	14.645	149	1097871	51.866	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1341047	52.888	ng		99
88)	Benzo(b)fluoranthene	15.116	252	1216307	48.698	ng		98
89)	Benzo(k)fluoranthene	15.151	252	1018629	41.617	ng		99
90)	Benzo(a)pyrene	15.492	252	1054429	52.005	ng		98
91)	Dibenzo(a,h)anthracene	17.092	278	1127586	54.638	ng		99
92)	Benzo(g,h,i)perylene	17.539	276	1149589	54.513	ng		100

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

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