Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
Data File : BF127865.D
Acq On : 22 Apr 2022 22:26
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF042222

Quant Time: Apr 24 00:50:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 00:43:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	161539	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	608238	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	337333	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	596904	20.000	ng	0.00
76) Chrysene-d12	14.121	240	396565	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	342828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	817572	80.613	ng	0.00
7) Phenol-d6	6.569	99	1074911	81.681	ng	0.00
23) Nitrobenzene-d5	7.510	82	1046770	80.928	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	271931	80.078	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1597992	80.140	ng	0.00
79) Terphenyl-d14	13.063	244	1702424	78.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	197654	40.847	ng	99
3) Pyridine	3.546	79	525711	42.401	ng	99
4) n-Nitrosodimethylamine	3.516	42	246562	41.084	ng	94
6) Aniline	6.610	93	663411	42.430	ng	100
8) 2-Chlorophenol	6.728	128	430918	40.937	ng	99
9) Benzaldehyde	6.498	77	293079	36.000	ng	98
10) Phenol	6.581	94	543988	40.985	ng	99
11) bis(2-Chloroethyl)ether	6.681	93	452500	41.098	ng	100
12) 1,3-Dichlorobenzene	6.881	146	487906	40.267	ng	95
13) 1,4-Dichlorobenzene	6.963	146	487296	40.291	ng	99
14) 1,2-Dichlorobenzene	7.116	146	447623	39.980	ng	98
15) Benzyl Alcohol	7.087	79	398173	44.493	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	701378	41.680	ng	99
17) 2-Methylphenol	7.187	107	380885	41.938	ng	98
18) Hexachloroethane	7.457	117	180118	40.510	ng	95
19) n-Nitroso-di-n-propyla...	7.357	70	327557	40.661	ng	99
20) 3+4-Methylphenols	7.345	107	448738	40.901	ng	99
22) Acetophenone	7.357	105	576497	38.888	ng	99
24) Nitrobenzene	7.528	77	511240	41.018	ng	99
25) Isophorone	7.763	82	878970	40.376	ng	100
26) 2-Nitrophenol	7.839	139	231617	43.609	ng	98
27) 2,4-Dimethylphenol	7.869	122	366209	41.512	ng	100
28) bis(2-Chloroethoxy)met...	7.969	93	564701	40.475	ng	99
29) 2,4-Dichlorophenol	8.081	162	375876	40.671	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	413626	39.400	ng	99
31) Naphthalene	8.251	128	1213912	39.185	ng	100
32) Benzoic acid	7.992	122	288550	45.634	ng	95
33) 4-Chloroaniline	8.298	127	497017	40.549	ng	98
34) Hexachlorobutadiene	8.357	225	263875	39.905	ng	97
35) Caprolactam	8.675	113	122842	41.177	ng	97
36) 4-Chloro-3-methylphenol	8.775	107	408382	41.375	ng	99
37) 2-Methylnaphthalene	8.939	142	809592	39.544	ng	99
38) 1-Methylnaphthalene	9.039	142	784823	39.439	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	393910	39.617	ng	100
41) Hexachlorocyclopentadiene	9.086	237	230564	42.800	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	269387	41.176	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	287349	40.403	ng		99
46) 1,1'-Biphenyl	9.404	154	985846	39.453	ng		99
47) 2-Chloronaphthalene	9.433	162	753020	39.586	ng		99
48) 2-Nitroaniline	9.528	65	271752	42.233	ng		98
49) Acenaphthylene	9.851	152	1168699	40.164	ng		99
50) Dimethylphthalate	9.704	163	913157	40.363	ng		100
51) 2,6-Dinitrotoluene	9.769	165	204421	41.734	ng		96
52) Acenaphthene	10.022	154	790240	40.396	ng		99
53) 3-Nitroaniline	9.939	138	223442	41.080	ng		98
54) 2,4-Dinitrophenol	10.039	184	117799	45.665	ng	#	86
55) Dibenzofuran	10.192	168	1129672	40.025	ng		99
56) 4-Nitrophenol	10.092	139	176467	42.487	ng		96
57) 2,4-Dinitrotoluene	10.169	165	273640	42.175	ng	#	85
58) Fluorene	10.533	166	810440	38.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	248959	41.627	ng		99
60) Diethylphthalate	10.404	149	884372	39.865	ng		99
61) 4-Chlorophenyl-phenyle...	10.528	204	403175	38.524	ng		100
62) 4-Nitroaniline	10.557	138	217667	40.933	ng		98
63) Azobenzene	10.686	77	979739	40.135	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	164558	46.397	ng		96
66) n-Nitrosodiphenylamine	10.645	169	744815	40.102	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	270981	40.952	ng		99
68) Hexachlorobenzene	11.080	284	278018	39.879	ng		97
69) Atrazine	11.169	200	226196	39.385	ng		99
70) Pentachlorophenol	11.275	266	174434	42.530	ng		98
71) Phenanthrene	11.504	178	1231902	39.427	ng		99
72) Anthracene	11.557	178	1238117	39.779	ng		100
73) Carbazole	11.710	167	1168391	38.950	ng		99
74) Di-n-butylphthalate	12.033	149	1354647	40.160	ng		99
75) Fluoranthene	12.692	202	1283708	39.037	ng		99
77) Benzidine	12.810	184	355202	47.338	ng		98
78) Pyrene	12.921	202	1304833	40.760	ng		99
80) Butylbenzylphthalate	13.533	149	536844	42.785	ng		98
81) Benzo(a)anthracene	14.116	228	1089537	41.220	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	334421	39.847	ng		98
83) Chrysene	14.151	228	1019274	40.377	ng		100
84) Bis(2-ethylhexyl)phtha...	14.092	149	701564	42.162	ng		98
85) Di-n-octyl phthalate	14.710	149	1081677	41.948	ng		100
87) Indeno(1,2,3-cd)pyrene	17.180	276	993686	43.425	ng		100
88) Benzo(b)fluoranthene	15.186	252	861539	40.011	ng		99
89) Benzo(k)fluoranthene	15.215	252	873534	40.267	ng		98
90) Benzo(a)pyrene	15.568	252	731870	40.976	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	805824	43.909	ng		99
92) Benzo(g,h,i)perylene	17.656	276	866184	44.786	ng		100

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

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