Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
Data File : BF126839.D
Acq On : 10 Feb 2022 13:07
Operator : CG\JU
Sample : N1400-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 15:10:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 10 00:44:00 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

02/11/2022
Supervised By :Jagrut Upadhyay

02/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	107167	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	438980	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	219141	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	391024	20.000	ng	0.00
76) Chrysene-d12	14.121	240	211412	20.000	ng	0.00
86) Perylene-d12	15.621	264	182594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	860974	123.695	ng	0.02
7) Phenol-d6	6.563	99	1096539	116.696	ng	0.00
23) Nitrobenzene-d5	7.510	82	853442	89.703	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	326253	138.870	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1255098	86.213	ng	0.00
79) Terphenyl-d14	13.063	244	1339558	90.835	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.652	79	251283	28.464	ng	100
4) n-Nitrosodimethylamine	3.610	42	197353	47.611	ng	96
6) Aniline	6.604	93	206299m	18.230	ng	
8) 2-Chlorophenol	6.728	128	361154	48.748	ng	99
9) Benzaldehyde	6.498	77	182546	31.952	ng	99
10) Phenol	6.581	94	421233	44.475	ng	98
11) bis(2-Chloroethyl)ether	6.675	93	361886	47.990	ng	95
12) 1,3-Dichlorobenzene	6.887	146	357545	44.352	ng	98
13) 1,4-Dichlorobenzene	6.963	146	367239	45.075	ng	99
14) 1,2-Dichlorobenzene	7.110	146	347524	45.268	ng	98
15) Benzyl Alcohol	7.081	79	353425	47.594	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	567507	46.041	ng	99
17) 2-Methylphenol	7.187	107	299848	46.258	ng	99
18) Hexachloroethane	7.451	117	141926	46.005	ng	95
19) n-Nitroso-di-n-propyla...	7.351	70	283225	47.597	ng	98
20) 3+4-Methylphenols	7.340	107	381437	45.870	ng	91
22) Acetophenone	7.351	105	521315	45.896	ng	99
24) Nitrobenzene	7.528	77	431895	47.989	ng	99
25) Isophorone	7.763	82	774619	48.596	ng	100
26) 2-Nitrophenol	7.840	139	183306	48.663	ng	99
27) 2,4-Dimethylphenol	7.869	122	333941	52.552	ng	97
28) bis(2-Chloroethoxy)met...	7.969	93	444172	44.883	ng	98
29) 2,4-Dichlorophenol	8.075	162	276097	46.210	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	290899	44.047	ng	99
31) Naphthalene	8.245	128	1039319	45.651	ng	99
32) Benzoic acid	7.981	122	222801	49.639	ng	98
33) 4-Chloroaniline	8.292	127	63747	7.112	ng	93
34) Hexachlorobutadiene	8.357	225	164050	43.605	ng	98
35) Caprolactam	8.663	113	86107m	41.982	ng	
36) 4-Chloro-3-methylphenol	8.769	107	358522	47.672	ng	99
37) 2-Methylnaphthalene	8.939	142	687142	47.229	ng	100
38) 1-Methylnaphthalene	9.039	142	642945	45.673	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	263654	46.083	ng	99
41) Hexachlorocyclopentadiene	9.087	237	321216	99.659	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	190182	46.081	ng	98
44) 2,4,5-Trichlorophenol	9.251	196	209491	47.960	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.404	154	809617	46.578	ng		98
47) 2-Chloronaphthalene	9.428	162	594602	46.316	ng		98
48) 2-Nitroaniline	9.522	65	251262	50.452	ng		99
49) Acenaphthylene	9.845	152	1006314	48.102	ng		99
50) Dimethylphthalate	9.704	163	731457	47.165	ng		99
51) 2,6-Dinitrotoluene	9.763	165	159886	50.925	ng	#	80
52) Acenaphthene	10.016	154	710879m	53.138	ng		
53) 3-Nitroaniline	9.934	138	83673	21.849	ng		98
54) 2,4-Dinitrophenol	10.039	184	176531	97.688	ng	#	80
55) Dibenzofuran	10.192	168	843629	45.801	ng		100
56) 4-Nitrophenol	10.092	139	267676	97.324	ng		98
57) 2,4-Dinitrotoluene	10.169	165	215195	51.842	ng		93
58) Fluorene	10.533	166	664751	47.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	162708	47.553	ng		99
60) Diethylphthalate	10.404	149	750091	46.893	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	302163	45.623	ng		96
62) 4-Nitroaniline	10.557	138	175198	48.660	ng		98
63) Azobenzene	10.686	77	845305	46.419	ng		99
65) 4,6-Dinitro-2-methylph...	10.575	198	104885	46.930	ng		99
66) n-Nitrosodiphenylamine	10.645	169	581042	45.421	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	193802	45.607	ng		97
68) Hexachlorobenzene	11.081	284	212872	46.512	ng		98
69) Atrazine	11.169	200	188666	48.323	ng		96
70) Pentachlorophenol	11.275	266	246200	97.411	ng		98
71) Phenanthrene	11.498	178	997975	46.061	ng		99
72) Anthracene	11.551	178	1003885	46.373	ng		99
73) Carbazole	11.704	167	889026	45.117	ng		100
74) Di-n-butylphthalate	12.028	149	1148239	45.199	ng		100
75) Fluoranthene	12.692	202	943070	46.534	ng		100
77) Benzidine	12.810	184	129614	23.299	ng		99
78) Pyrene	12.922	202	945278	49.264	ng		100
80) Butylbenzylphthalate	13.533	149	435113	49.514	ng		99
81) Benzo(a)anthracene	14.110	228	667152	46.582	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	109649	25.707	ng		99
83) Chrysene	14.145	228	622435	46.283	ng		97
84) Bis(2-ethylhexyl)phtha...	14.086	149	563034	49.414	ng		99
85) Di-n-octyl phthalate	14.704	149	777554	49.714	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	668869	51.377	ng		99
88) Benzo(b)fluoranthene	15.180	252	554977	47.581	ng		99
89) Benzo(k)fluoranthene	15.210	252	536657	44.564	ng		98
90) Benzo(a)pyrene	15.563	252	537086	56.429	ng		98
91) Dibenzo(a,h)anthracene	17.192	278	570171	52.735	ng		100
92) Benzo(g,h,i)perylene	17.645	276	578075	53.745	ng		98

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

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