Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132600.D
Acq On : 01 Mar 2023 19:55
Operator : CG\JU
Sample : 01722-01MSD 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-022723MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:20:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	200366	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	677308	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	313168	20.000	ng		0.00
64) Phenanthrene-d10	11.545	188	585264	20.000	ng		0.00
76) Chrysene-d12	14.210	240	428952	20.000	ng		0.00
86) Perylene-d12	15.763	264	337455	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.628	112	323165	26.176	ng		0.00
7) Phenol-d6	6.622	99	390950	24.264	ng		-0.01
23) Nitrobenzene-d5	7.563	82	224907	15.754	ng		0.00
42) 2,4,6-Tribromophenol	10.845	330	77809	23.006	ng		0.00
45) 2-Fluorobiphenyl	9.363	172	383396	18.641	ng		0.00
79) Terphenyl-d14	13.133	244	437895	17.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	126065	18.460	ng		97
3) Pyridine	3.669	79	310572	17.133	ng		96
4) n-Nitrosodimethylamine	3.616	42	121708	17.775	ng		83
6) Aniline	6.663	93	189887	8.757	ng		95
8) 2-Chlorophenol	6.787	128	266080	20.766	ng		97
9) Benzaldehyde	6.557	77	137852	15.856	ng		96
10) Phenol	6.640	94	365087	19.764	ng		89
11) bis(2-Chloroethyl)ether	6.734	93	293995	20.617	ng		91
12) 1,3-Dichlorobenzene	6.946	146	293548	21.349	ng		97
13) 1,4-Dichlorobenzene	7.022	146	295897	21.551	ng		98
14) 1,2-Dichlorobenzene	7.175	146	276570	20.989	ng		97
15) Benzyl Alcohol	7.140	79	227476	18.332	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.275	45	361675	19.889	ng		99
17) 2-Methylphenol	7.251	107	220065	18.403	ng		94
18) Hexachloroethane	7.516	117	101351	18.895	ng		99
19) n-Nitroso-di-n-propyla...	7.404	70	185646	18.722	ng		94
20) 3+4-Methylphenols	7.404	107	263231	17.038	ng	#	88
22) Acetophenone	7.410	105	362279	21.212	ng	#	86
24) Nitrobenzene	7.581	77	283791	18.588	ng		97
25) Isophorone	7.822	82	512275	18.717	ng		98
26) 2-Nitrophenol	7.904	139	129823	19.272	ng	#	87
27) 2,4-Dimethylphenol	7.934	122	218297	20.532	ng		97
28) bis(2-Chloroethoxy)met...	8.028	93	326999	20.423	ng		99
29) 2,4-Dichlorophenol	8.145	162	205027	19.386	ng		98
30) 1,2,4-Trichlorobenzene	8.228	180	235917	20.543	ng		98
31) Naphthalene	8.310	128	945585	27.271	ng		99
32) Benzoic acid	8.016	122	121667	17.197	ng		93
33) 4-Chloroaniline	8.357	127	131493	8.850	ng		94
34) Hexachlorobutadiene	8.422	225	144117	19.748	ng		99
35) Caprolactam	8.710	113	61700m	17.696	ng		
36) 4-Chloro-3-methylphenol	8.834	107	199759	17.199	ng		97
37) 2-Methylnaphthalene	9.004	142	561596	23.766	ng		98
38) 1-Methylnaphthalene	9.104	142	485567	21.988	ng		99
40) 1,2,4,5-Tetrachloroben...	9.169	216	218285	21.304	ng		99
41) Hexachlorocyclopentadiene	9.151	237	48977	8.813	ng		98
43) 2,4,6-Trichlorophenol	9.281	196	136899	19.715	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	137790	17.002	ng		96
46) 1,1'-Biphenyl	9.469	154	541086	22.828	ng		97
47) 2-Chloronaphthalene	9.492	162	395422	21.041	ng		99
48) 2-Nitroaniline	9.587	65	118456	17.114	ng		92
49) Acenaphthylene	9.910	152	632533	21.148	ng		99
50) Dimethylphthalate	9.757	163	460641	20.201	ng		100
51) 2,6-Dinitrotoluene	9.828	165	96426	18.568	ng		91
52) Acenaphthene	10.086	154	400558	21.091	ng		98
53) 3-Nitroaniline	9.998	138	83942	14.450	ng		98
54) 2,4-Dinitrophenol	10.110	184	24731	9.228	ng		95
55) Dibenzofuran	10.257	168	595878	21.522	ng		97
56) 4-Nitrophenol	10.157	139	150939	34.841	ng		94
57) 2,4-Dinitrotoluene	10.234	165	119287	17.266	ng		92
58) Fluorene	10.604	166	514926	24.314	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	111748	18.562	ng	#	99
60) Diethylphthalate	10.463	149	434219	19.498	ng		99
61) 4-Chlorophenyl-phenyle...	10.592	204	214496	19.523	ng		92
62) 4-Nitroaniline	10.610	138	93953	16.476	ng		92
63) Azobenzene	10.751	77	463792	19.664	ng		97
65) 4,6-Dinitro-2-methylph...	10.645	198	20196	5.097	ng		95
66) n-Nitrosodiphenylamine	10.704	169	367296	20.130	ng		99
67) 4-Bromophenyl-phenylether	11.081	248	126829	19.158	ng		94
68) Hexachlorobenzene	11.151	284	138544	19.888	ng	#	94
69) Atrazine	11.233	200	121908	21.402	ng		98
70) Pentachlorophenol	11.351	266	149668	36.112	ng		98
71) Phenanthrene	11.575	178	1216884	40.135	ng		98
72) Anthracene	11.622	178	786816	25.201	ng		99
73) Carbazole	11.775	167	622894	22.128	ng		98
74) Di-n-butylphthalate	12.098	149	708098	21.444	ng		98
75) Fluoranthene	12.769	202	1309278	39.501	ng		99
77) Benzidine	12.886	184	278463	26.668	ng		99
78) Pyrene	13.004	202	1377266	35.315	ng		99
80) Butylbenzylphthalate	13.610	149	309675	20.122	ng		95
81) Benzo(a)anthracene	14.198	228	945550	29.461	ng		97
82) 3,3'-Dichlorobenzidine	14.151	252	146793	15.514	ng		100
83) Chrysene	14.233	228	874288m	29.130	ng		
84) Bis(2-ethylhexyl)phtha...	14.163	149	433772	22.944	ng		100
85) Di-n-octyl phthalate	14.792	149	693180	25.091	ng		99
87) Indeno(1,2,3-cd)pyrene	17.362	276	506500	22.907	ng		100
88) Benzo(b)fluoranthene	15.298	252	733538	32.437	ng		96
89) Benzo(k)fluoranthene	15.327	252	567991	25.663	ng		99
90) Benzo(a)pyrene	15.692	252	593546	28.043	ng		97
91) Dibenzo(a,h)anthracene	17.380	278	359020	19.928	ng		98
92) Benzo(g,h,i)perylene	17.857	276	428022	21.930	ng		97

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

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