Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130054.D
Acq On : 31 Aug 2022 16:09
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 31 16:39:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 15:58:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	274177	20.000	ng		0.00
21) Naphthalene-d8	7.993	136	1015784	20.000	ng		0.00
39) Acenaphthene-d10	9.745	164	513212	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	841377	20.000	ng	#	0.00
76) Chrysene-d12	13.857	240	457077	20.000	ng		0.00
86) Perylene-d12	15.251	264	404774	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1483367	89.578	ng		0.00
7) Phenol-d6	6.346	99	1860307	89.709	ng		0.00
23) Nitrobenzene-d5	7.281	82	1607904	84.737	ng		0.00
42) 2,4,6-Tribromophenol	10.534	330	465841	90.440	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2735323	80.949	ng		0.00
79) Terphenyl-d14	12.810	244	2601605	94.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	362290	53.030	ng		96
3) Pyridine	3.087	79	981320	54.888	ng		93
4) n-Nitrosodimethylamine	3.052	42	393449	47.752	ng		84
6) Aniline	6.375	93	1199707	50.760	ng	#	50
8) 2-Chlorophenol	6.493	128	822601	44.622	ng		99
9) Benzaldehyde	6.257	77	509411	41.610	ng		97
10) Phenol	6.357	94	1037207	45.597	ng	#	68
11) bis(2-Chloroethyl)ether	6.457	93	806630	46.697	ng		96
12) 1,3-Dichlorobenzene	6.651	146	905566	45.502	ng		96
13) 1,4-Dichlorobenzene	6.728	146	894510	43.989	ng		97
14) 1,2-Dichlorobenzene	6.881	146	804889	42.618	ng		99
15) Benzyl Alcohol	6.857	79	627977	40.113	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.993	45	1092759	47.212	ng	#	51
17) 2-Methylphenol	6.963	107	704873	47.620	ng	#	86
18) Hexachloroethane	7.222	117	344538	45.118	ng		94
19) n-Nitroso-di-n-propyla...	7.140	70	564036	43.031	ng		94
20) 3+4-Methylphenols	7.128	107	769681	38.737	ng	#	64
22) Acetophenone	7.128	105	1019248	41.176	ng	#	95
24) Nitrobenzene	7.298	77	836291	43.707	ng		100
25) Isophorone	7.540	82	1539496	47.138	ng		99
26) 2-Nitrophenol	7.610	139	392789	41.735	ng		95
27) 2,4-Dimethylphenol	7.651	122	641792	47.549	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	907934	47.613	ng		98
29) 2,4-Dichlorophenol	7.851	162	695711	47.138	ng		96
30) 1,2,4-Trichlorobenzene	7.934	180	697477	44.796	ng		99
31) Naphthalene	8.016	128	2331427	43.897	ng		99
32) Benzoic acid	7.798	122	547264	95.454	ng		98
33) 4-Chloroaniline	8.069	127	965817	46.243	ng		98
34) Hexachlorobutadiene	8.128	225	405336	42.754	ng		99
35) Caprolactam	8.463	113	218881m	47.691	ng		
36) 4-Chloro-3-methylphenol	8.545	107	703750	44.199	ng		96
37) 2-Methylnaphthalene	8.704	142	1502968	43.116	ng		99
38) 1-Methylnaphthalene	8.804	142	1450766	42.824	ng		99
40) 1,2,4,5-Tetrachloroben...	8.869	216	627802	43.982	ng		99
41) Hexachlorocyclopentadiene	8.857	237	365839	121.399	ng		99
43) 2,4,6-Trichlorophenol	8.981	196	474146	51.125	ng		95

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44) 2,4,5-Trichlorophenol	9.016	196	507777	50.891	ng		98
46) 1,1'-Biphenyl	9.169	154	1710685	43.877	ng		98
47) 2-Chloronaphthalene	9.192	162	1386791	44.955	ng		98
48) 2-Nitroaniline	9.292	65	405260	41.570	ng		88
49) Acenaphthylene	9.604	152	2092082	44.722	ng		100
50) Dimethylphthalate	9.481	163	1639591	44.566	ng		100
51) 2,6-Dinitrotoluene	9.539	165	359774	45.080	ng		88
52) Acenaphthene	9.781	154	1331017m	46.898	ng		
53) 3-Nitroaniline	9.704	138	411444	46.619	ng		98
54) 2,4-Dinitrophenol	9.804	184	140695	46.450	ng		91
55) Dibenzofuran	9.951	168	1862569	43.683	ng		98
56) 4-Nitrophenol	9.857	139	321020	81.759	ng		94
57) 2,4-Dinitrotoluene	9.939	165	426014	41.121	ng	#	86
58) Fluorene	10.292	166	1382233	38.825	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	386992	52.850	ng	#	77
60) Diethylphthalate	10.175	149	1599504	43.602	ng		100
61) 4-Chlorophenyl-phenyle...	10.286	204	614590	38.468	ng		98
62) 4-Nitroaniline	10.322	138	397722	44.669	ng		96
63) Azobenzene	10.445	77	1554265	44.326	ng		96
65) 4,6-Dinitro-2-methylph...	10.345	198	198760	40.240	ng		82
66) n-Nitrosodiphenylamine	10.410	169	1311228	46.173	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	442343	44.887	ng		97
68) Hexachlorobenzene	10.834	284	473620	44.367	ng		94
69) Atrazine	10.939	200	372911	42.784	ng		98
70) Pentachlorophenol	11.022	266	295062	108.419	ng		96
71) Phenanthrene	11.251	178	2055318	43.739	ng		99
72) Anthracene	11.304	178	2041375	43.685	ng		100
73) Carbazole	11.457	167	1884949	44.436	ng		99
74) Di-n-butylphthalate	11.792	149	2312364	42.355	ng		99
75) Fluoranthene	12.433	202	2032381	42.266	ng		96
77) Benzidine	12.557	184	590742	48.829	ng		97
78) Pyrene	12.663	202	2035008	51.234	ng		99
80) Butylbenzylphthalate	13.286	149	886854	52.766	ng		96
81) Benzo(a)anthracene	13.845	228	1496118	47.582	ng		99
82) 3,3'-Dichlorobenzidine	13.816	252	475891	48.869	ng		99
83) Chrysene	13.880	228	1481789	50.345	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1021812	51.244	ng		100
85) Di-n-octyl phthalate	14.457	149	1665765	60.516	ng		99
87) Indeno(1,2,3-cd)pyrene	16.610	276	1392011	50.093	ng	#	94
88) Benzo(b)fluoranthene	14.857	252	1245694m	44.943	ng		
89) Benzo(k)fluoranthene	14.886	252	1298538	48.852	ng		97
90) Benzo(a)pyrene	15.198	252	1062986	48.700	ng	#	97
91) Dibenzo(a,h)anthracene	16.627	278	1144942	49.935	ng	#	96
92) Benzo(g,h,i)perylene	17.021	276	1165119	50.935	ng	#	93

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

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