Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132757.D
Acq On : 13 Mar 2023 13:04
Operator : CG\JU
Sample : PB151350BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 14 01:29:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 13:44:13 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/14/2023
Supervised By :Jagrut Upadhyay
03/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	235673	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	831261	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	427447	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	789011	20.000	ng	0.00
76) Chrysene-d12	14.168	240	497292	20.000	ng	0.00
86) Perylene-d12	15.704	264	477532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1358365	93.544	ng	0.02
7) Phenol-d6	6.610	99	1776713	93.751	ng	0.00
23) Nitrobenzene-d5	7.539	82	1156060	65.982	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	468176	101.419	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1894719	67.494	ng	0.00
79) Terphenyl-d14	13.098	244	2058599	69.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	323074	40.221	ng	96
3) Pyridine	3.681	79	823248	38.611	ng	92
4) n-Nitrosodimethylamine	3.651	42	313377	38.911	ng	84
6) Aniline	6.639	93	895356	35.107	ng	96
8) 2-Chlorophenol	6.763	128	683472	45.350	ng	98
9) Benzaldehyde	6.522	77	363873	35.583	ng	99
10) Phenol	6.628	94	911506	41.952	ng	94
11) bis(2-Chloroethyl)ether	6.710	93	753613	44.930	ng	94
12) 1,3-Dichlorobenzene	6.916	146	754101	46.627	ng	97
13) 1,4-Dichlorobenzene	6.992	146	751000	46.504	ng	99
14) 1,2-Dichlorobenzene	7.145	146	687191	44.339	ng	98
15) Benzyl Alcohol	7.116	79	621588	42.588	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.245	45	916818	42.864	ng	96
17) 2-Methylphenol	7.228	107	586386	41.690	ng	97
18) Hexachloroethane	7.481	117	299409	47.456	ng	99
19) n-Nitroso-di-n-propyla...	7.386	70	456995	39.182	ng	94
20) 3+4-Methylphenols	7.381	107	637959	35.107	ng	99
22) Acetophenone	7.381	105	894884	42.693	ng	95
24) Nitrobenzene	7.563	77	809537	43.203	ng	99
25) Isophorone	7.798	82	1514330	45.081	ng	99
26) 2-Nitrophenol	7.875	139	397759	48.111	ng	97
27) 2,4-Dimethylphenol	7.910	122	606074	46.447	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	915628	46.596	ng	100
29) 2,4-Dichlorophenol	8.122	162	601431	46.335	ng	99
30) 1,2,4-Trichlorobenzene	8.198	180	678812	48.161	ng	99
31) Naphthalene	8.281	128	1867255	43.878	ng	99
32) Benzoic acid	8.045	122	427833m	42.118	ng	
33) 4-Chloroaniline	8.328	127	343893	18.858	ng	94
34) Hexachlorobutadiene	8.392	225	431599	48.189	ng	99
35) Caprolactam	8.716	113	198675m	46.428	ng	
36) 4-Chloro-3-methylphenol	8.816	107	644225	45.193	ng	95
37) 2-Methylnaphthalene	8.975	142	1242474	42.843	ng	100
38) 1-Methylnaphthalene	9.075	142	1147157	42.326	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	679026	48.554	ng	100
41) Hexachlorocyclopentadiene	9.122	237	772163	101.796	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	444670	46.918	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	471130	42.591	ng		99
46) 1,1'-Biphenyl	9.439	154	1475983	45.621	ng		98
47) 2-Chloronaphthalene	9.463	162	1201008	46.822	ng		100
48) 2-Nitroaniline	9.563	65	382024	40.438	ng		92
49) Acenaphthylene	9.880	152	1759731	43.106	ng		99
50) Dimethylphthalate	9.733	163	1408251	45.247	ng		100
51) 2,6-Dinitrotoluene	9.804	165	313721	44.261	ng		92
52) Acenaphthene	10.057	154	1215625m	46.894	ng		
53) 3-Nitroaniline	9.975	138	223212	28.152	ng		98
54) 2,4-Dinitrophenol	10.086	184	335884	75.309	ng		99
55) Dibenzofuran	10.227	168	1607496	42.537	ng		99
56) 4-Nitrophenol	10.145	139	421436	71.272	ng		95
57) 2,4-Dinitrotoluene	10.210	165	407465	43.211	ng		99
58) Fluorene	10.569	166	1251997	43.312	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	371711	45.237	ng		98
60) Diethylphthalate	10.433	149	1330688	43.777	ng		99
61) 4-Chlorophenyl-phenyle...	10.557	204	672391	44.839	ng		96
62) 4-Nitroaniline	10.598	138	312456	40.146	ng		95
63) Azobenzene	10.722	77	1352393	42.010	ng		97
65) 4,6-Dinitro-2-methylph...	10.622	198	235304	44.054	ng		98
66) n-Nitrosodiphenylamine	10.680	169	1095927	44.554	ng		99
67) 4-Bromophenyl-phenylether	11.051	248	425866	47.716	ng		97
68) Hexachlorobenzene	11.122	284	473373	50.406	ng		97
69) Atrazine	11.204	200	390059	50.794	ng		99
70) Pentachlorophenol	11.322	266	420198	75.205	ng		98
71) Phenanthrene	11.539	178	1798358	43.997	ng		99
72) Anthracene	11.592	178	1840028	43.715	ng		99
73) Carbazole	11.745	167	1610937	42.449	ng		100
74) Di-n-butylphthalate	12.063	149	2049671	46.044	ng		99
75) Fluoranthene	12.733	202	1919597	42.959	ng		98
77) Benzidine	12.851	184	876734	72.424	ng		99
78) Pyrene	12.968	202	1925054	42.578	ng		100
80) Butylbenzylphthalate	13.568	149	854838	47.912	ng		100
81) Benzo(a)anthracene	14.157	228	1680936	45.176	ng		98
82) 3,3'-Dichlorobenzidine	14.115	252	321667	29.323	ng	#	98
83) Chrysene	14.198	228	1567812	45.059	ng		99
84) Bis(2-ethylhexyl)phtha...	14.121	149	1152029	52.562	ng		99
85) Di-n-octyl phthalate	14.745	149	1900944	59.352	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1441121	46.057	ng		99
88) Benzo(b)fluoranthene	15.245	252	1561454	48.793	ng		97
89) Benzo(k)fluoranthene	15.280	252	1352918	43.197	ng		99
90) Benzo(a)pyrene	15.639	252	1292623	43.158	ng		100
91) Dibenzo(a,h)anthracene	17.303	278	1175115	46.094	ng		97
92) Benzo(g,h,i)perylene	17.774	276	1186915	41.425	ng		99

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

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