Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132803.D
Acq On : 15 Mar 2023 15:04
Operator : CG\JU
Sample : PB151432BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 16 05:43:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151432BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/16/2023
Supervised By :Jagrut Upadhyay
03/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	235770	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	875771	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	444622	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	915478	20.000	ng		0.00
76) Chrysene-d12	14.163	240	504027	20.000	ng	#	0.00
86) Perylene-d12	15.692	264	469711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1373179	94.526	ng		0.02
7) Phenol-d6	6.604	99	1789493	94.387	ng		0.00
23) Nitrobenzene-d5	7.534	82	1169236	63.343	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	489642	101.972	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1837265	62.919	ng		0.00
79) Terphenyl-d14	13.092	244	2137534	71.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	307723	38.294	ng		95
3) Pyridine	3.663	79	757156	35.497	ng		93
4) n-Nitrosodimethylamine	3.640	42	306784	38.077	ng		85
6) Aniline	6.634	93	905586	35.493	ng		96
8) 2-Chlorophenol	6.757	128	666958	44.236	ng		98
9) Benzaldehyde	6.522	77	374329	36.590	ng		93
10) Phenol	6.622	94	896493	41.244	ng		98
11) bis(2-Chloroethyl)ether	6.704	93	729965	43.502	ng		94
12) 1,3-Dichlorobenzene	6.910	146	715356	44.213	ng		96
13) 1,4-Dichlorobenzene	6.987	146	715125	44.264	ng		97
14) 1,2-Dichlorobenzene	7.140	146	644153	41.545	ng		98
15) Benzyl Alcohol	7.110	79	587904	40.264	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	840837	39.295	ng		93
17) 2-Methylphenol	7.222	107	583516	41.469	ng		98
18) Hexachloroethane	7.475	117	279648	44.306	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	430210	36.870	ng		95
20) 3+4-Methylphenols	7.375	107	620861	34.152	ng		95
22) Acetophenone	7.375	105	857541	38.832	ng		95
24) Nitrobenzene	7.557	77	779383	39.479	ng		97
25) Isophorone	7.792	82	1460137	41.259	ng		98
26) 2-Nitrophenol	7.869	139	387827	44.525	ng		94
27) 2,4-Dimethylphenol	7.904	122	595613	43.326	ng		98
28) bis(2-Chloroethoxy)met...	7.992	93	880469	42.529	ng		100
29) 2,4-Dichlorophenol	8.110	162	587388	42.953	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	637259	42.915	ng		97
31) Naphthalene	8.275	128	1788620	39.894	ng		99
32) Benzoic acid	8.045	122	396666m	37.526	ng		
33) 4-Chloroaniline	8.322	127	368062	19.158	ng	#	93
34) Hexachlorobutadiene	8.381	225	395326	41.895	ng		99
35) Caprolactam	8.710	113	203286m	45.091	ng		
36) 4-Chloro-3-methylphenol	8.810	107	597694	39.798	ng		95
37) 2-Methylnaphthalene	8.963	142	1168931	38.258	ng		99
38) 1-Methylnaphthalene	9.063	142	1092814	38.272	ng		100
40) 1,2,4,5-Tetrachloroben...	9.133	216	609853	41.923	ng		99
41) Hexachlorocyclopentadiene	9.116	237	660416	83.701	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	432017	43.822	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	464249	40.348	ng		98
46) 1,1'-Biphenyl	9.428	154	1454305	43.215	ng		99
47) 2-Chloronaphthalene	9.457	162	1189440	44.579	ng		100
48) 2-Nitroaniline	9.557	65	395328	40.229	ng		91
49) Acenaphthylene	9.875	152	1780311	41.925	ng		100
50) Dimethylphthalate	9.728	163	1445545	44.651	ng		99
51) 2,6-Dinitrotoluene	9.798	165	327799	44.460	ng		94
52) Acenaphthene	10.045	154	1197447m	44.409	ng		
53) 3-Nitroaniline	9.969	138	247733	30.037	ng		100
54) 2,4-Dinitrophenol	10.086	184	342045	73.767	ng	#	86
55) Dibenzofuran	10.222	168	1599840	40.699	ng		99
56) 4-Nitrophenol	10.139	139	458365	74.523	ng		96
57) 2,4-Dinitrotoluene	10.210	165	420309	42.851	ng		92
58) Fluorene	10.563	166	1280980	42.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	381407	44.624	ng		97
60) Diethylphthalate	10.428	149	1238079	39.157	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	662745	42.488	ng		95
62) 4-Nitroaniline	10.592	138	347966	42.981	ng		94
63) Azobenzene	10.710	77	1280247	38.233	ng		98
65) 4,6-Dinitro-2-methylph...	10.622	198	244268	39.415	ng		91
66) n-Nitrosodiphenylamine	10.675	169	1127391	39.501	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	426175	41.155	ng		95
68) Hexachlorobenzene	11.116	284	440382	40.415	ng		97
69) Atrazine	11.198	200	406419	45.613	ng		99
70) Pentachlorophenol	11.316	266	419603m	64.724	ng		
71) Phenanthrene	11.533	178	1862950	39.281	ng		99
72) Anthracene	11.586	178	1853986	37.962	ng		99
73) Carbazole	11.739	167	1756962	39.901	ng		100
74) Di-n-butylphthalate	12.057	149	2089234	40.449	ng		99
75) Fluoranthene	12.727	202	2028938	39.133	ng		99
77) Benzidine	12.845	184	781919	63.729	ng		100
78) Pyrene	12.957	202	2043268	44.589	ng		99
80) Butylbenzylphthalate	13.563	149	841820	46.552	ng		97
81) Benzo(a)anthracene	14.151	228	1522060	40.360	ng		99
82) 3,3'-Dichlorobenzidine	14.110	252	342245	30.782	ng	#	99
83) Chrysene	14.192	228	1498103	42.480	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	1011159	45.518	ng		99
85) Di-n-octyl phthalate	14.733	149	1525175	46.983	ng		97
87) Indeno(1,2,3-cd)pyrene	17.280	276	994343	32.307	ng		96
88) Benzo(b)fluoranthene	15.239	252	1370729	43.546	ng		99
89) Benzo(k)fluoranthene	15.268	252	1284526	41.696	ng		100
90) Benzo(a)pyrene	15.627	252	1182852	40.150	ng		99
91) Dibenzo(a,h)anthracene	17.286	278	801998	31.982	ng		96
92) Benzo(g,h,i)perylene	17.756	276	833013	30.020	ng		98

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

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