Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
Data File : BF133464.D
Acq On : 24 May 2023 11:41
Operator : CG\JU
Sample : PB153000BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 13:01:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153000BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	115481	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	442356	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	208570	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	389699	20.000	ng		0.00
76) Chrysene-d12	14.010	240	276013	20.000	ng		0.00
86) Perylene-d12	15.468	264	305892	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	840421	118.962	ng		0.01
7) Phenol-d6	6.469	99	999828	117.729	ng		0.00
23) Nitrobenzene-d5	7.410	82	610567	95.425	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	250048	129.782	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1142224	77.050	ng		0.00
79) Terphenyl-d14	12.957	244	1211015	83.886	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	111109	34.744	ng		99
3) Pyridine	3.375	79	287657	34.164	ng		100
4) n-Nitrosodimethylamine	3.328	42	200108	41.633	ng		96
6) Aniline	6.504	93	368118	31.716	ng		99
8) 2-Chlorophenol	6.622	128	312220	44.554	ng		96
9) Benzaldehyde	6.393	77	200840	41.883	ng		96
10) Phenol	6.481	94	367831m	42.356	ng		
11) bis(2-Chloroethyl)ether	6.581	93	299140	42.203	ng		99
12) 1,3-Dichlorobenzene	6.781	146	330077	43.155	ng		97
13) 1,4-Dichlorobenzene	6.857	146	332687	43.439	ng		97
14) 1,2-Dichlorobenzene	7.010	146	318223	44.993	ng		99
15) Benzyl Alcohol	6.981	79	271440	42.237	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	578247	43.112	ng		99
17) 2-Methylphenol	7.092	107	258798	40.501	ng		99
18) Hexachloroethane	7.357	117	119566	45.815	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	217938	41.005	ng		98
20) 3+4-Methylphenols	7.245	107	318418	41.170	ng		92
22) Acetophenone	7.251	105	423172	40.766	ng	#	91
24) Nitrobenzene	7.428	77	322413	45.584	ng		98
25) Isophorone	7.663	82	608344	40.406	ng		98
26) 2-Nitrophenol	7.739	139	125014	43.440	ng		89
27) 2,4-Dimethylphenol	7.775	122	274759	42.698	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	360636	40.545	ng		99
29) 2,4-Dichlorophenol	7.981	162	246564	42.257	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	264340	41.659	ng		99
31) Naphthalene	8.151	128	870244	40.051	ng		100
32) Benzoic acid	7.881	122	139245	44.514	ng		98
33) 4-Chloroaniline	8.192	127	100161	11.003	ng		99
34) Hexachlorobutadiene	8.269	225	158094	40.996	ng		98
35) Caprolactam	8.563	113	83658m	47.206	ng		
36) 4-Chloro-3-methylphenol	8.669	107	271752	43.040	ng		95
37) 2-Methylnaphthalene	8.839	142	572380	39.294	ng		98
38) 1-Methylnaphthalene	8.939	142	535929	39.484	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	248015	39.125	ng		98
41) Hexachlorocyclopentadiene	8.992	237	317609	105.055	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	168988	43.412	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	177671	39.463	ng		96
46) 1,1'-Biphenyl	9.304	154	711337	40.663	ng		99
47) 2-Chloronaphthalene	9.328	162	515065	41.045	ng		100
48) 2-Nitroaniline	9.422	65	155890	42.908	ng		97
49) Acenaphthylene	9.745	152	866276	40.636	ng		99
50) Dimethylphthalate	9.604	163	593838	41.704	ng		99
51) 2,6-Dinitrotoluene	9.663	165	121944	45.565	ng		94
52) Acenaphthene	9.916	154	555323	43.384	ng		98
53) 3-Nitroaniline	9.828	138	84342	26.884	ng		94
54) 2,4-Dinitrophenol	9.933	184	89433	81.382	ng	#	87
55) Dibenzofuran	10.092	168	764480	40.016	ng		97
56) 4-Nitrophenol	9.986	139	227559	83.493	ng		94
57) 2,4-Dinitrotoluene	10.069	165	155052	47.831	ng		87
58) Fluorene	10.433	166	553066	40.109	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	151352	45.307	ng		99
60) Diethylphthalate	10.310	149	599949	41.559	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	259888	39.848	ng		100
62) 4-Nitroaniline	10.445	138	139872	43.244	ng		98
63) Azobenzene	10.586	77	607803	40.707	ng		99
65) 4,6-Dinitro-2-methylph...	10.469	198	58191	47.125	ng		90
66) n-Nitrosodiphenylamine	10.545	169	518599	40.360	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	163193	39.931	ng		98
68) Hexachlorobenzene	10.975	284	183326	42.748	ng		95
69) Atrazine	11.069	200	161102	48.989	ng		97
70) Pentachlorophenol	11.169	266	204245	83.913	ng		99
71) Phenanthrene	11.392	178	825510	40.911	ng		99
72) Anthracene	11.445	178	833561	40.493	ng		99
73) Carbazole	11.598	167	820814	42.090	ng		100
74) Di-n-butylphthalate	11.933	149	891336	42.600	ng		100
75) Fluoranthene	12.580	202	906875	41.741	ng		99
77) Benzidine	12.704	184	472328	71.816	ng		99
78) Pyrene	12.810	202	942379	41.886	ng		99
80) Butylbenzylphthalate	13.439	149	358745	42.802	ng		99
81) Benzo(a)anthracene	13.998	228	779897	41.623	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	160979	30.275	ng		96
83) Chrysene	14.039	228	781745	41.090	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	456361	44.943	ng		98
85) Di-n-octyl phthalate	14.616	149	868635	47.022	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	880713	42.509	ng		100
88) Benzo(b)fluoranthene	15.045	252	867447	45.628	ng		99
89) Benzo(k)fluoranthene	15.074	252	746686	40.416	ng		100
90) Benzo(a)pyrene	15.410	252	716082	39.977	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	717775	42.537	ng		98
92) Benzo(g,h,i)perylene	17.368	276	721969	42.355	ng		98

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

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