Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014088.D
Acq On : 14 Mar 2023 18:18
Operator : CG/JU
Sample : PB151412BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 15 04:33:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB151412BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	128993	20.000	ng		0.00
21) Naphthalene-d8	10.887	136	488630	20.000	ng		#-0.01
39) Acenaphthene-d10	14.710	164	297914	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	637877	20.000	ng		# 0.00
76) Chrysene-d12	21.545	240	607931	20.000	ng		0.00
86) Perylene-d12	24.074	264	696612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	1171742	147.315	ng		0.00
7) Phenol-d6	7.222	99	1496005	143.255	ng		0.00
23) Nitrobenzene-d5	9.240	82	995566	93.124	ng		-0.01
42) 2,4,6-Tribromophenol	16.198	330	647736	134.100	ng		0.00
45) 2-Fluorobiphenyl	13.328	172	2062957	89.715	ng		-0.01
79) Terphenyl-d14	19.998	244	3403531	92.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	130568	37.786	ng		95
3) Pyridine	3.881	79	351527	36.632	ng		97
4) n-Nitrosodimethylamine	3.787	42	186876	43.872	ng		94
6) Aniline	7.387	93	475203	34.642	ng		98
8) 2-Chlorophenol	7.628	128	413784	48.572	ng		96
9) Benzaldehyde	7.199	77	151501m	28.990	ng		
10) Phenol	7.252	94	545471	50.188	ng		97
11) bis(2-Chloroethyl)ether	7.481	93	425608	49.457	ng		97
12) 1,3-Dichlorobenzene	7.952	146	462552	49.410	ng		99
13) 1,4-Dichlorobenzene	8.105	146	472487	49.890	ng		99
14) 1,2-Dichlorobenzene	8.422	146	456100	50.281	ng		99
15) Benzyl Alcohol	8.310	79	403629m	47.406	ng		
16) 2,2'-oxybis(1-Chloropr...	8.599	45	544174m	58.083	ng		
17) 2-Methylphenol	8.510	107	358046	46.191	ng		98
18) Hexachloroethane	9.157	117	181472	51.007	ng		95
19) n-Nitroso-di-n-propyla...	8.881	70	338602	49.261	ng		98
20) 3+4-Methylphenols	8.840	107	479791	45.960	ng		98
22) Acetophenone	8.899	105	651450	47.530	ng		100
24) Nitrobenzene	9.287	77	512903	46.889	ng		99
25) Isophorone	9.810	82	908317	46.110	ng		98
26) 2-Nitrophenol	9.999	139	219931	46.223	ng		97
27) 2,4-Dimethylphenol	10.052	122	374623	48.423	ng		98
28) bis(2-Chloroethoxy)met...	10.287	93	548812	48.136	ng		99
29) 2,4-Dichlorophenol	10.534	162	387911	45.805	ng		97
30) 1,2,4-Trichlorobenzene	10.751	180	440164	45.780	ng		99
31) Naphthalene	10.940	128	1240597	46.205	ng		99
32) Benzoic acid	10.199	122	237017	37.589	ng		97
33) 4-Chloroaniline	11.051	127	182619	15.866	ng		99
34) Hexachlorobutadiene	11.216	225	302619	43.291	ng		100
35) Caprolactam	11.846	113	117902	48.637	ng	#	83
36) 4-Chloro-3-methylphenol	12.169	107	447667	47.397	ng		97
37) 2-Methylnaphthalene	12.540	142	856896	43.260	ng		98
38) 1-Methylnaphthalene	12.757	142	792016	42.894	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	511931	45.082	ng		98
41) Hexachlorocyclopentadiene	12.881	237	744341	104.447	ng		100
43) 2,4,6-Trichlorophenol	13.145	196	326585	45.499	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	354963	42.676	ng	100
46) 1,1'-Biphenyl	13.540	154	1111006	46.331	ng	98
47) 2-Chloronaphthalene	13.587	162	874639	47.381	ng	99
48) 2-Nitroaniline	13.792	65	285246	50.916	ng	98
49) Acenaphthylene	14.434	152	1354681	46.146	ng	100
50) Dimethylphthalate	14.157	163	1130447	45.995	ng	99
51) 2,6-Dinitrotoluene	14.281	165	245229	47.381	ng	96
52) Acenaphthene	14.769	154	809107	45.785	ng	100
53) 3-Nitroaniline	14.616	138	157605	31.071	ng	94
54) 2,4-Dinitrophenol	14.822	184	330538	85.896	ng	94
55) Dibenzofuran	15.104	168	1319842	45.812	ng	99
56) 4-Nitrophenol	14.922	139	412997	99.989	ng	90
57) 2,4-Dinitrotoluene	15.069	165	337614	48.799	ng	99
58) Fluorene	15.757	166	1057612	46.232	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	331404	45.672	ng	97
60) Diethylphthalate	15.522	149	1136163	46.821	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	567283	43.745	ng	99
62) 4-Nitroaniline	15.781	138	240020	47.523	ng	91
63) Azobenzene	16.039	77	1139813	50.761	ng	95
65) 4,6-Dinitro-2-methylph...	15.834	198	208076	44.040	ng	97
66) n-Nitrosodiphenylamine	15.963	169	932622	46.269	ng	99
67) 4-Bromophenyl-phenylether	16.645	248	363042	43.027	ng	98
68) Hexachlorobenzene	16.763	284	417767	46.193	ng	99
69) Atrazine	16.910	200	353513	49.954	ng	100
70) Pentachlorophenol	17.110	266	546617	83.804	ng	99
71) Phenanthrene	17.504	178	1686625	47.331	ng	99
72) Anthracene	17.598	178	1718049	47.185	ng	99
73) Carbazole	17.863	167	1527598	48.637	ng	99
74) Di-n-butylphthalate	18.392	149	1940160	49.406	ng	99
75) Fluoranthene	19.457	202	2025029	47.544	ng	98
77) Benzidine	19.633	184	928927	78.424	ng	100
78) Pyrene	19.810	202	2135909	45.775	ng	100
80) Butylbenzylphthalate	20.669	149	851977	48.162	ng	99
81) Benzo(a)anthracene	21.527	228	2080676	46.646	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	624593	43.761	ng	99
83) Chrysene	21.580	228	1965053	46.519	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1258295	48.486	ng	99
85) Di-n-octyl phthalate	22.386	149	2161919	51.320	ng	98
87) Indeno(1,2,3-cd)pyrene	26.751	276	2719236	50.520	ng	98
88) Benzo(b)fluoranthene	23.298	252	2183605	47.871	ng	99
89) Benzo(k)fluoranthene	23.351	252	2155137	47.653	ng	99
90) Benzo(a)pyrene	23.963	252	1948480	44.784	ng	99
91) Dibenzo(a,h)anthracene	26.757	278	2264672	50.610	ng	98
92) Benzo(g,h,i)perylene	27.568	276	2232788	50.349	ng	99

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

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