Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014087.D
Acq On : 14 Mar 2023 17:43
Operator : CG/JU
Sample : PB151375BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB151375BS

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

Quant Time: Mar 15 04:33:09 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	135359	20.000	ng		0.00
21) Naphthalene-d8	10.893	136	495782	20.000	ng		0.00
39) Acenaphthene-d10	14.710	164	296225	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	612380	20.000	ng	#	0.00
76) Chrysene-d12	21.545	240	574239	20.000	ng		0.00
86) Perylene-d12	24.074	264	644159	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	906034	108.552	ng		0.00
7) Phenol-d6	7.222	99	1164011	106.221	ng		0.00
23) Nitrobenzene-d5	9.240	82	773453	71.304	ng		-0.01
42) 2,4,6-Tribromophenol	16.198	330	440292	91.673	ng		0.00
45) 2-Fluorobiphenyl	13.328	172	1566089	68.495	ng		-0.01
79) Terphenyl-d14	19.998	244	2227057	63.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	156176	43.072	ng		94
3) Pyridine	3.881	79	401511	39.873	ng		97
4) n-Nitrosodimethylamine	3.787	42	195388	43.713	ng	#	99
6) Aniline	7.393	93	501202	34.818	ng		98
8) 2-Chlorophenol	7.628	128	417698	46.726	ng		96
9) Benzaldehyde	7.199	77	218429m	39.832	ng		
10) Phenol	7.252	94	537363	47.116	ng		98
11) bis(2-Chloroethyl)ether	7.487	93	421989	46.730	ng		99
12) 1,3-Dichlorobenzene	7.952	146	474731	48.326	ng		98
13) 1,4-Dichlorobenzene	8.105	146	478502	48.148	ng		99
14) 1,2-Dichlorobenzene	8.422	146	458919	48.212	ng		99
15) Benzyl Alcohol	8.310	79	398759	44.631	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.599	45	543674m	55.300	ng		
17) 2-Methylphenol	8.510	107	350469	43.087	ng		98
18) Hexachloroethane	9.157	117	182106	48.778	ng		97
19) n-Nitroso-di-n-propyla...	8.881	70	333152	46.189	ng		98
20) 3+4-Methylphenols	8.840	107	462227	42.195	ng		99
22) Acetophenone	8.899	105	641694	46.143	ng		98
24) Nitrobenzene	9.287	77	510971	46.038	ng		98
25) Isophorone	9.810	82	862417	43.149	ng		98
26) 2-Nitrophenol	9.999	139	211660	43.843	ng		97
27) 2,4-Dimethylphenol	10.052	122	359366	45.781	ng		98
28) bis(2-Chloroethoxy)met...	10.293	93	528682	45.701	ng		97
29) 2,4-Dichlorophenol	10.534	162	373323	43.446	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	434896	44.580	ng		99
31) Naphthalene	10.940	128	1217452	44.689	ng		99
32) Benzoic acid	10.193	122	229632	36.015	ng		95
33) 4-Chloroaniline	11.057	127	196160	16.797	ng		99
34) Hexachlorobutadiene	11.222	225	296490	41.803	ng		98
35) Caprolactam	11.846	113	105019	42.698	ng	#	87
36) 4-Chloro-3-methylphenol	12.163	107	417536	43.569	ng		97
37) 2-Methylnaphthalene	12.540	142	833803	41.487	ng		98
38) 1-Methylnaphthalene	12.757	142	769031	41.049	ng		98
40) 1,2,4,5-Tetrachloroben...	12.904	216	491927	43.567	ng	#	98
41) Hexachlorocyclopentadiene	12.881	237	733666	103.536	ng		98
43) 2,4,6-Trichlorophenol	13.145	196	303735	42.557	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.216	196	327661	39.619	ng		99
46)	1,1'-Biphenyl	13.540	154	1076636	45.154	ng		98
47)	2-Chloronaphthalene	13.587	162	833505	45.410	ng		99
48)	2-Nitroaniline	13.792	65	263405	47.285	ng		96
49)	Acenaphthylene	14.434	152	1282841	43.948	ng		99
50)	Dimethylphthalate	14.157	163	1022992	41.861	ng		100
51)	2,6-Dinitrotoluene	14.281	165	222056	43.148	ng		96
52)	Acenaphthene	14.775	154	766683	43.632	ng		99
53)	3-Nitroaniline	14.616	138	148438	29.431	ng		91
54)	2,4-Dinitrophenol	14.822	184	284630	74.800	ng		97
55)	Dibenzofuran	15.104	168	1241038	43.323	ng		99
56)	4-Nitrophenol	14.916	139	357980	87.163	ng		94
57)	2,4-Dinitrotoluene	15.069	165	299349	43.514	ng		97
58)	Fluorene	15.757	166	979225	43.050	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.328	232	293181	40.635	ng		95
60)	Diethylphthalate	15.516	149	1017437	42.167	ng		99
61)	4-Chlorophenyl-phenyle...	15.745	204	520959	40.402	ng		98
62)	4-Nitroaniline	15.781	138	209127	41.642	ng		93
63)	Azobenzene	16.039	77	1045700	46.835	ng		96
65)	4,6-Dinitro-2-methylph...	15.834	198	181450	40.003	ng		96
66)	n-Nitrosodiphenylamine	15.963	169	846086	43.724	ng		98
67)	4-Bromophenyl-phenylether	16.645	248	326061	40.253	ng		98
68)	Hexachlorobenzene	16.763	284	374623	43.147	ng		99
69)	Atrazine	16.910	200	315276	46.406	ng		99
70)	Pentachlorophenol	17.110	266	474491	75.775	ng		98
71)	Phenanthrene	17.504	178	1499511	43.832	ng		100
72)	Anthracene	17.598	178	1536053	43.943	ng		99
73)	Carbazole	17.863	167	1343217	44.547	ng		99
74)	Di-n-butylphthalate	18.392	149	1713393	45.448	ng		99
75)	Fluoranthene	19.457	202	1781191	43.560	ng		98
77)	Benzidine	19.633	184	894759	80.340	ng		100
78)	Pyrene	19.810	202	1908482	43.301	ng		100
80)	Butylbenzylphthalate	20.669	149	736124	44.054	ng		97
81)	Benzo(a)anthracene	21.527	228	1824897	43.312	ng		100
82)	3,3'-Dichlorobenzidine	21.451	252	491237	36.437	ng		99
83)	Chrysene	21.580	228	1712599	42.921	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.422	149	1101286	44.926	ng		99
85)	Di-n-octyl phthalate	22.392	149	1860668	46.760	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.745	276	2343277	47.080	ng		98
88)	Benzo(b)fluoranthene	23.298	252	1896033	44.951	ng		99
89)	Benzo(k)fluoranthene	23.351	252	1874911	44.832	ng		99
90)	Benzo(a)pyrene	23.963	252	1672188	41.563	ng		99
91)	Dibenzo(a,h)anthracene	26.762	278	1948374	47.087	ng	#	98
92)	Benzo(g,h,i)perylene	27.568	276	1920156	46.825	ng		98

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

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