Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016489.D
Acq On : 03 Aug 2023 13:25
Operator : MA/JU
Sample : PB154374BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 03 18:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154374BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	401740	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1522989	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	812185	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1585854	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1316993	20.000	ng	#	0.00
86) Perylene-d12	24.180	264	1499285	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3367303	136.742	ng		0.00
7) Phenol-d6	7.216	99	4097586	121.398	ng		0.00
23) Nitrobenzene-d5	9.269	82	2474726	90.960	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1303175	109.067	ng		0.00
45) 2-Fluorobiphenyl	13.346	172	5042238	89.006	ng		0.00
79) Terphenyl-d14	20.033	244	6393542	102.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	432263	45.008	ng		99
3) Pyridine	3.858	79	1144154	39.854	ng		99
4) n-Nitrosodimethylamine	3.781	42	498898	46.091	ng		99
6) Aniline	7.405	93	1281389	30.735	ng		99
8) 2-Chlorophenol	7.622	128	1247103	48.301	ng		95
9) Benzaldehyde	7.222	77	685243	45.144	ng		99
10) Phenol	7.240	94	1566658	47.795	ng		99
11) bis(2-Chloroethyl)ether	7.505	93	1235873	46.383	ng		99
12) 1,3-Dichlorobenzene	7.952	146	1413428	50.993	ng		98
13) 1,4-Dichlorobenzene	8.111	146	1432006	50.931	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1360643	50.261	ng		98
15) Benzyl Alcohol	8.322	79	1057894	45.876	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1440000	47.654	ng		99
17) 2-Methylphenol	8.505	107	1038100	43.944	ng		99
18) Hexachloroethane	9.146	117	519588	51.808	ng		93
19) n-Nitroso-di-n-propyla...	8.893	70	873328	41.301	ng		98
20) 3+4-Methylphenols	8.840	107	1389087	43.296	ng		99
22) Acetophenone	8.922	105	1827846	47.535	ng	#	99
24) Nitrobenzene	9.310	77	1338824	47.911	ng		98
25) Isophorone	9.828	82	2392851	43.563	ng		99
26) 2-Nitrophenol	10.016	139	605285	50.109	ng		97
27) 2,4-Dimethylphenol	10.052	122	1088662	44.302	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	1552301	46.137	ng		100
29) 2,4-Dichlorophenol	10.540	162	1090167	47.403	ng		98
30) 1,2,4-Trichlorobenzene	10.752	180	1194274	47.945	ng		99
31) Naphthalene	10.957	128	3669226	46.059	ng		99
32) Benzoic acid	10.181	122	718545	45.017	ng		98
33) 4-Chloroaniline	11.081	127	691697	19.249	ng		99
34) Hexachlorobutadiene	11.193	225	676639	45.882	ng		100
35) Caprolactam	11.899	113	333821	39.724	ng		98
36) 4-Chloro-3-methylphenol	12.175	107	1133608	44.345	ng		99
37) 2-Methylnaphthalene	12.551	142	2399811	41.467	ng		99
38) 1-Methylnaphthalene	12.775	142	2297623	42.347	ng		100
40) 1,2,4,5-Tetrachloroben...	12.898	216	1210147	49.030	ng		99
41) Hexachlorocyclopentadiene	12.857	237	1499789	120.989	ng		99
43) 2,4,6-Trichlorophenol	13.151	196	806052	50.898	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	873101	45.442	ng		97
46) 1,1'-Biphenyl	13.557	154	3022567	48.821	ng		99
47) 2-Chloronaphthalene	13.604	162	2337897	50.053	ng		99
48) 2-Nitroaniline	13.828	65	653073	49.602	ng		99
49) Acenaphthylene	14.451	152	3758233	48.494	ng		99
50) Dimethylphthalate	14.181	163	2785995	44.019	ng		99
51) 2,6-Dinitrotoluene	14.316	165	613867	47.345	ng		93
52) Acenaphthene	14.787	154	2143163	46.505	ng		99
53) 3-Nitroaniline	14.651	138	457202	31.190	ng		91
54) 2,4-Dinitrophenol	14.851	184	599671	96.976	ng		98
55) Dibenzofuran	15.122	168	3400955	44.997	ng		99
56) 4-Nitrophenol	14.934	139	1130306	98.504	ng		97
57) 2,4-Dinitrotoluene	15.098	165	812908	48.107	ng		97
58) Fluorene	15.769	166	2644038	44.528	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	715641	45.279	ng		94
60) Diethylphthalate	15.534	149	2702024	42.959	ng		98
61) 4-Chlorophenyl-phenyle...	15.763	204	1291670	43.107	ng		97
62) 4-Nitroaniline	15.822	138	623037	42.828	ng		97
63) Azobenzene	16.057	77	2688334	45.266	ng		97
65) 4,6-Dinitro-2-methylph...	15.845	198	392652	52.238	ng		95
66) n-Nitrosodiphenylamine	15.987	169	2317039	49.577	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	785229	46.762	ng		95
68) Hexachlorobenzene	16.745	284	898820	47.998	ng		95
69) Atrazine	16.939	200	774847	55.747	ng		99
70) Pentachlorophenol	17.110	266	1028887	79.396	ng		95
71) Phenanthrene	17.534	178	4052189	48.121	ng		100
72) Anthracene	17.622	178	4079647	48.180	ng		100
73) Carbazole	17.904	167	3785353	47.683	ng		100
74) Di-n-butylphthalate	18.416	149	4440141	48.344	ng		100
75) Fluoranthene	19.492	202	4434989	44.934	ng		98
77) Benzidine	19.686	184	1824275	79.894	ng		99
78) Pyrene	19.845	202	4621336	52.346	ng		99
80) Butylbenzylphthalate	20.710	149	1910140	55.074	ng		98
81) Benzo(a)anthracene	21.569	228	4334454	49.052	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1068075	36.821	ng	#	99
83) Chrysene	21.627	228	3999053	47.393	ng		99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2764578	53.091	ng		99
85) Di-n-octyl phthalate	22.445	149	4714455	53.832	ng		99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5369860	53.125	ng		96
88) Benzo(b)fluoranthene	23.374	252	4401434	50.644	ng		99
89) Benzo(k)fluoranthene	23.427	252	4261665m	48.216	ng		
90) Benzo(a)pyrene	24.063	252	3919078	46.556	ng		98
91) Dibenzo(a,h)anthracene	26.980	278	4453660	52.834	ng	#	97
92) Benzo(g,h,i)perylene	27.809	276	4378513	53.901	ng		97

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

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