Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016487.D
Acq On : 03 Aug 2023 12:17
Operator : MA/JU
Sample : PB154346BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 03 18:19:07 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 :
PB154346BS

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	379397	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1456161	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	797923	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1593876	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1376056	20.000	ng	#	0.00
86) Perylene-d12	24.180	264	1557229	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3307913	142.241	ng		0.00
7) Phenol-d6	7.211	99	4063144	127.467	ng		0.00
23) Nitrobenzene-d5	9.269	82	2403736	92.406	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1311730	111.745	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	5026286	90.310	ng		0.00
79) Terphenyl-d14	20.033	244	6644035	101.994	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	419104	46.207	ng		98
3) Pyridine	3.858	79	1131870	41.748	ng		99
4) n-Nitrosodimethylamine	3.781	42	492323	48.162	ng		99
6) Aniline	7.405	93	1249819	31.744	ng		100
8) 2-Chlorophenol	7.622	128	1231522	50.506	ng		97
9) Benzaldehyde	7.222	77	671155	47.751	ng		97
10) Phenol	7.240	94	1546009	49.943	ng		99
11) bis(2-Chloroethyl)ether	7.499	93	1200029	47.690	ng		99
12) 1,3-Dichlorobenzene	7.952	146	1337358	51.090	ng		97
13) 1,4-Dichlorobenzene	8.110	146	1362846	51.326	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1294179	50.621	ng		99
15) Benzyl Alcohol	8.322	79	1032687	47.420	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1370888	48.039	ng		99
17) 2-Methylphenol	8.505	107	1014936	45.494	ng		98
18) Hexachloroethane	9.146	117	493105	52.063	ng		94
19) n-Nitroso-di-n-propyla...	8.893	70	850268	42.578	ng		98
20) 3+4-Methylphenols	8.840	107	1346207	44.431	ng		99
22) Acetophenone	8.916	105	1771726	48.190	ng	#	99
24) Nitrobenzene	9.310	77	1304223	48.815	ng		97
25) Isophorone	9.828	82	2339231	44.542	ng		99
26) 2-Nitrophenol	10.016	139	586102	50.708	ng		96
27) 2,4-Dimethylphenol	10.052	122	1066920	45.410	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	1499885	46.625	ng		100
29) 2,4-Dichlorophenol	10.540	162	1069429	48.636	ng		98
30) 1,2,4-Trichlorobenzene	10.752	180	1138546	47.805	ng		99
31) Naphthalene	10.957	128	3547930	46.581	ng		99
32) Benzoic acid	10.175	122	715552	46.626	ng		97
33) 4-Chloroaniline	11.081	127	724533	21.088	ng		98
34) Hexachlorobutadiene	11.193	225	648298	45.977	ng		99
35) Caprolactam	11.899	113	342559	42.635	ng		99
36) 4-Chloro-3-methylphenol	12.175	107	1128828	46.184	ng		98
37) 2-Methylnaphthalene	12.551	142	2349148	42.454	ng		98
38) 1-Methylnaphthalene	12.775	142	2243391	43.245	ng		99
40) 1,2,4,5-Tetrachloroben...	12.898	216	1175580	48.481	ng		99
41) Hexachlorocyclopentadiene	12.857	237	1455251	119.495	ng		99
43) 2,4,6-Trichlorophenol	13.151	196	795175	51.109	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	877847	46.506	ng		96
46) 1,1'-Biphenyl	13.557	154	2961720	48.693	ng		99
47) 2-Chloronaphthalene	13.604	162	2296563	50.047	ng		99
48) 2-Nitroaniline	13.828	65	668058	51.648	ng		96
49) Acenaphthylene	14.451	152	3720804	48.869	ng		99
50) Dimethylphthalate	14.181	163	2795800	44.964	ng		100
51) 2,6-Dinitrotoluene	14.316	165	605442	47.530	ng		90
52) Acenaphthene	14.787	154	2125596	46.948	ng		100
53) 3-Nitroaniline	14.651	138	455940	31.660	ng		91
54) 2,4-Dinitrophenol	14.851	184	585719	96.459	ng		97
55) Dibenzofuran	15.122	168	3388391	45.632	ng		99
56) 4-Nitrophenol	14.940	139	1150451	102.052	ng		99
57) 2,4-Dinitrotoluene	15.098	165	816986	49.213	ng		97
58) Fluorene	15.775	166	2676044	45.872	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	721116	46.441	ng		93
60) Diethylphthalate	15.540	149	2732578	44.222	ng		98
61) 4-Chlorophenyl-phenyle...	15.763	204	1285326	43.662	ng		96
62) 4-Nitroaniline	15.822	138	627151	43.881	ng		98
63) Azobenzene	16.063	77	2733411	46.848	ng		97
65) 4,6-Dinitro-2-methylph...	15.851	198	390641	51.772	ng		98
66) n-Nitrosodiphenylamine	15.987	169	2335724	49.725	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	787690	46.672	ng		96
68) Hexachlorobenzene	16.751	284	900786	47.861	ng		96
69) Atrazine	16.939	200	797192	57.066	ng		99
70) Pentachlorophenol	17.110	266	1048440	80.497	ng		96
71) Phenanthrene	17.534	178	4105061	48.504	ng		99
72) Anthracene	17.622	178	4153459	48.805	ng		100
73) Carbazole	17.904	167	3859893	48.377	ng		99
74) Di-n-butylphthalate	18.416	149	4585189	49.672	ng		99
75) Fluoranthene	19.492	202	4584193	46.212	ng		99
77) Benzidine	19.686	184	1978342	82.923	ng		99
78) Pyrene	19.845	202	4754666	51.544	ng		100
80) Butylbenzylphthalate	20.710	149	2026933	55.933	ng		97
81) Benzo(a)anthracene	21.569	228	4524347	49.003	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1098323	36.239	ng	#	99
83) Chrysene	21.627	228	4160648	47.192	ng		99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2899652	53.295	ng		98
85) Di-n-octyl phthalate	22.445	149	5005740	54.705	ng		99
87) Indeno(1,2,3-cd)pyrene	26.957	276	5473319	52.134	ng		97
88) Benzo(b)fluoranthene	23.374	252	4714418	52.227	ng		99
89) Benzo(k)fluoranthene	23.427	252	4388492m	47.803	ng		
90) Benzo(a)pyrene	24.063	252	4073580	46.591	ng		98
91) Dibenzo(a,h)anthracene	26.986	278	4565808	52.149	ng		97
92) Benzo(g,h,i)perylene	27.821	276	4379438	51.907	ng		97

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

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