Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006876.D
Acq On : 25 Aug 2021 11:08
Operator : CG/JU
Sample : PB138637BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138637BS

Manual Integrations APPROVED
mohammad
8/26/2021 11:40:29 AM

Quant Time: Aug 25 12:26:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 11:27:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	123836	20.000	ng		0.00
21) Naphthalene-d8	10.463	136	515841	20.000	ng	#	0.00
39) Acenaphthene-d10	14.328	164	286253	20.000	ng		0.00
64) Phenanthrene-d10	17.087	188	570016	20.000	ng	#	0.00
76) Chrysene-d12	21.198	240	591525	20.000	ng	#	0.00
86) Perylene-d12	23.498	264	648375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1167107	144.757	ng		0.00
7) Phenol-d6	6.875	99	1410146	123.125	ng		0.00
23) Nitrobenzene-d5	8.846	82	967295	86.554	ng		0.00
42) 2,4,6-Tribromophenol	15.828	330	436136	145.784	ng		0.00
45) 2-Fluorobiphenyl	12.946	172	1695569	88.620	ng		0.00
79) Terphenyl-d14	19.669	244	2599028	88.042	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	132181	37.657	ng		96
3) Pyridine	3.623	79	332339	32.214	ng		98
4) n-Nitrosodimethylamine	3.540	42	156022	40.068	ng	#	74
6) Aniline	7.022	93	557858	44.841	ng		97
8) 2-Chlorophenol	7.252	128	422603	48.444	ng		95
9) Benzaldehyde	6.834	77	305045	44.253	ng		92
10) Phenol	6.899	94	520218	45.298	ng		98
11) bis(2-Chloroethyl)ether	7.122	93	386726	44.348	ng		94
12) 1,3-Dichlorobenzene	7.569	146	428290	47.107	ng		97
13) 1,4-Dichlorobenzene	7.717	146	437701	47.435	ng		98
14) 1,2-Dichlorobenzene	8.028	146	416203	47.006	ng		95
15) Benzyl Alcohol	7.934	79	384637	44.783	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.211	45	406757	39.199	ng		95
17) 2-Methylphenol	8.140	107	343915	47.426	ng		98
18) Hexachloroethane	8.746	117	178982	49.006	ng		91
19) n-Nitroso-di-n-propyla...	8.499	70	313192	40.760	ng		95
20) 3+4-Methylphenols	8.469	107	461714	46.778	ng		98
22) Acetophenone	8.511	105	630986	46.125	ng	#	98
24) Nitrobenzene	8.887	77	500348	43.069	ng		93
25) Isophorone	9.416	82	830771	41.388	ng		96
26) 2-Nitrophenol	9.593	139	209149	49.470	ng		94
27) 2,4-Dimethylphenol	9.663	122	369260	52.157	ng		96
28) bis(2-Chloroethoxy)met...	9.899	93	501043	46.652	ng		98
29) 2,4-Dichlorophenol	10.122	162	341853	47.693	ng		95
30) 1,2,4-Trichlorobenzene	10.334	180	359210	46.638	ng		96
31) Naphthalene	10.516	128	1245151	44.921	ng		99
32) Benzoic acid	9.828	122	248992	45.462	ng		92
33) 4-Chloroaniline	10.640	127	402110	35.849	ng		95
34) Hexachlorobutadiene	10.793	225	217275	48.410	ng		99
35) Caprolactam	11.452	113	120508m	46.626	ng		
36) 4-Chloro-3-methylphenol	11.775	107	426785	46.864	ng		89
37) 2-Methylnaphthalene	12.134	142	844704	44.972	ng		99
38) 1-Methylnaphthalene	12.357	142	777478	43.558	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	362524	48.388	ng	#	94
41) Hexachlorocyclopentadiene	12.481	237	453855	114.218	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	251175	49.099	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	274382	48.455	ng	#	87
46) 1,1'-Biphenyl	13.157	154	977545	45.117	ng		96
47) 2-Chloronaphthalene	13.199	162	770844	46.200	ng		94
48) 2-Nitroaniline	13.416	65	280735	47.677	ng	#	84
49) Acenaphthylene	14.051	152	1273951	47.352	ng		99
50) Dimethylphthalate	13.804	163	973192	46.705	ng		99
51) 2,6-Dinitrotoluene	13.922	165	211011	45.383	ng	#	76
52) Acenaphthene	14.393	154	739518	45.165	ng		97
53) 3-Nitroaniline	14.251	138	198713	38.551	ng		84
54) 2,4-Dinitrophenol	14.463	184	236840	97.407	ng	#	74
55) Dibenzofuran	14.728	168	1149505	44.632	ng		93
56) 4-Nitrophenol	14.575	139	434901	97.168	ng	#	88
57) 2,4-Dinitrotoluene	14.710	165	304214	48.787	ng	#	73
58) Fluorene	15.381	166	939186	45.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	230437	48.560	ng	#	69
60) Diethylphthalate	15.175	149	1056204	48.260	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	431933	46.332	ng	#	87
62) 4-Nitroaniline	15.422	138	238696	43.640	ng		96
63) Azobenzene	15.675	77	1162623	45.564	ng		93
65) 4,6-Dinitro-2-methylph...	15.481	198	148538	42.648	ng		74
66) n-Nitrosodiphenylamine	15.604	169	808227	45.111	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	257924	47.159	ng	#	87
68) Hexachlorobenzene	16.387	284	290804	46.723	ng	#	87
69) Atrazine	16.569	200	291408	52.123	ng		96
70) Pentachlorophenol	16.740	266	396663	100.448	ng		99
71) Phenanthrene	17.128	178	1467494	45.642	ng		99
72) Anthracene	17.222	178	1500792	48.306	ng		100
73) Carbazole	17.498	167	1430083	45.128	ng		98
74) Di-n-butylphthalate	18.069	149	1823233	50.499	ng		99
75) Fluoranthene	19.110	202	1699913	47.105	ng		95
77) Benzidine	19.304	184	1235286	83.454	ng		99
78) Pyrene	19.463	202	1759151	44.523	ng		99
80) Butylbenzylphthalate	20.357	149	871002	50.132	ng		90
81) Benzo(a)anthracene	21.180	228	1752929	45.344	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	579044	57.055	ng	#	96
83) Chrysene	21.233	228	1727173	46.086	ng		99
84) Bis(2-ethylhexyl)phtha...	21.122	149	1327598	50.849	ng	#	96
85) Di-n-octyl phthalate	22.016	149	2343284	54.452	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.886	276	2359426	50.186	ng	#	91
88) Benzo(b)fluoranthene	22.804	252	1984606	47.096	ng	#	97
89) Benzo(k)fluoranthene	22.851	252	1818244	44.941	ng	#	97
90) Benzo(a)pyrene	23.404	252	1896308	50.171	ng	#	96
91) Dibenzo(a,h)anthracene	25.904	278	2002780	49.270	ng	#	95
92) Benzo(g,h,i)perylene	26.616	276	1970443	50.585	ng	#	93

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

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