Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006857.D
Acq On : 24 Aug 2021 21:05
Operator : CG/JU
Sample : PB138695BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 02:35:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 13:40:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB138695BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	154648	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	643436	20.000	ng		# 0.00
39) Acenaphthene-d10	14.334	164	361686	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	703082	20.000	ng		# 0.00
76) Chrysene-d12	21.198	240	703438	20.000	ng		#-0.01
86) Perylene-d12	23.504	264	759672	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1366239	135.693	ng		0.00
7) Phenol-d6	6.881	99	1681043	117.534	ng		0.00
23) Nitrobenzene-d5	8.852	82	1128762	80.973	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	547019	144.713	ng		-0.01
45) 2-Fluorobiphenyl	12.952	172	2068032	85.545	ng		0.00
79) Terphenyl-d14	19.675	244	3144564	89.575	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	135836	30.988	ng		97
3) Pyridine	3.628	79	368980	28.639	ng		98
4) n-Nitrosodimethylamine	3.540	42	169683	34.894	ng	#	72
6) Aniline	7.028	93	665699	42.848	ng		98
8) 2-Chlorophenol	7.258	128	488404	44.832	ng		97
9) Benzaldehyde	6.840	77	328343	38.142	ng		97
10) Phenol	6.905	94	598823	41.754	ng		99
11) bis(2-Chloroethyl)ether	7.128	93	451719	41.481	ng		97
12) 1,3-Dichlorobenzene	7.575	146	497215	43.792	ng		97
13) 1,4-Dichlorobenzene	7.722	146	509827	44.243	ng		98
14) 1,2-Dichlorobenzene	8.034	146	490866	44.393	ng		98
15) Benzyl Alcohol	7.940	79	452843	42.220	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	456738	35.246	ng		98
17) 2-Methylphenol	8.146	107	400704	44.248	ng		100
18) Hexachloroethane	8.752	117	204575	44.853	ng		91
19) n-Nitroso-di-n-propyla...	8.505	70	365562	38.096	ng		94
20) 3+4-Methylphenols	8.475	107	545140	44.226	ng		98
22) Acetophenone	8.516	105	732856	42.949	ng	#	98
24) Nitrobenzene	8.893	77	568868	39.257	ng		93
25) Isophorone	9.422	82	977555	39.043	ng		96
26) 2-Nitrophenol	9.593	139	255362	48.423	ng		92
27) 2,4-Dimethylphenol	9.669	122	436241	49.399	ng		96
28) bis(2-Chloroethoxy)met...	9.905	93	590252	44.059	ng		99
29) 2,4-Dichlorophenol	10.128	162	410404	45.903	ng		94
30) 1,2,4-Trichlorobenzene	10.334	180	420749	43.795	ng		96
31) Naphthalene	10.522	128	1457513	42.155	ng		99
32) Benzoic acid	9.840	122	317370	46.456	ng		88
33) 4-Chloroaniline	10.646	127	474692	33.928	ng		96
34) Hexachlorobutadiene	10.799	225	258048	46.093	ng		96
35) Caprolactam	11.463	113	147295m	45.689	ng		
36) 4-Chloro-3-methylphenol	11.781	107	504693	44.430	ng		90
37) 2-Methylnaphthalene	12.140	142	989541	42.236	ng		99
38) 1-Methylnaphthalene	12.363	142	918876	41.271	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	437272	46.192	ng	#	95
41) Hexachlorocyclopentadiene	12.481	237	569594	113.449	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	301454	46.638	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	331772	46.370	ng	#	89
46) 1,1'-Biphenyl	13.163	154	1158747	42.327	ng		98
47) 2-Chloronaphthalene	13.204	162	909476	43.140	ng		94
48) 2-Nitroaniline	13.422	65	326672	43.908	ng		89
49) Acenaphthylene	14.051	152	1497319	44.047	ng		100
50) Dimethylphthalate	13.804	163	1165281	44.261	ng		99
51) 2,6-Dinitrotoluene	13.928	165	254084	43.250	ng	#	80
52) Acenaphthene	14.399	154	869255	42.016	ng		99
53) 3-Nitroaniline	14.257	138	237193	36.419	ng		87
54) 2,4-Dinitrophenol	14.469	184	297551	96.853	ng	#	81
55) Dibenzofuran	14.734	168	1343978	41.300	ng		93
56) 4-Nitrophenol	14.581	139	509545	90.102	ng		88
57) 2,4-Dinitrotoluene	14.716	165	361005	45.820	ng	#	75
58) Fluorene	15.387	166	1102562	42.389	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	275758	45.991	ng	#	71
60) Diethylphthalate	15.175	149	1256164	45.426	ng		97
61) 4-Chlorophenyl-phenyle...	15.387	204	514666	43.693	ng		90
62) 4-Nitroaniline	15.428	138	281029	40.664	ng		95
63) Azobenzene	15.681	77	1330409	41.266	ng		93
65) 4,6-Dinitro-2-methylph...	15.481	198	182430	42.465	ng		72
66) n-Nitrosodiphenylamine	15.604	169	957152	43.312	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	311385	46.158	ng	#	85
68) Hexachlorobenzene	16.387	284	349988	45.590	ng	#	86
69) Atrazine	16.575	200	355686	51.579	ng		97
70) Pentachlorophenol	16.745	266	477509	98.035	ng		99
71) Phenanthrene	17.134	178	1707663	43.060	ng		99
72) Anthracene	17.228	178	1744509	45.524	ng		99
73) Carbazole	17.504	167	1655504	42.354	ng		98
74) Di-n-butylphthalate	18.069	149	2197848	49.354	ng		99
75) Fluoranthene	19.110	202	1971583	44.293	ng		95
77) Benzidine	19.304	184	1663555	94.508	ng		99
78) Pyrene	19.469	202	2023419	43.064	ng		99
80) Butylbenzylphthalate	20.357	149	1039826	50.328	ng		89
81) Benzo(a)anthracene	21.180	228	2015303	43.837	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	636110	52.706	ng	#	98
83) Chrysene	21.233	228	1941819	43.570	ng		99
84) Bis(2-ethylhexyl)phtha...	21.122	149	1583799	51.010	ng	#	97
85) Di-n-octyl phthalate	22.016	149	2770484	54.137	ng		98
87) Indeno(1,2,3-cd)pyrene	25.886	276	2563282	46.534	ng	#	92
88) Benzo(b)fluoranthene	22.804	252	2168175	43.914	ng	#	97
89) Benzo(k)fluoranthene	22.851	252	2048648	43.217	ng	#	97
90) Benzo(a)pyrene	23.404	252	2094011	47.285	ng	#	96
91) Dibenzo(a,h)anthracene	25.910	278	2178931	45.751	ng	#	95
92) Benzo(g,h,i)perylene	26.616	276	2132853	46.733	ng	#	91

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

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