Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006846.D
Acq On : 24 Aug 2021 13:58
Operator : CG/JU
Sample : PB138597BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138597BSD

Manual Integrations APPROVED
mohammad
8/25/2021 3:35:25 PM

Quant Time: Aug 24 15:04:23 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	163720	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	701584	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	396033	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	771011	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	723882	20.000	ng	#	0.00
86) Perylene-d12	23.521	264	749027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1528114	143.360	ng		0.00
7) Phenol-d6	6.887	99	1876064	123.901	ng		0.00
23) Nitrobenzene-d5	8.851	82	1254879	82.559	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	613222	148.158	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2334642	88.198	ng		0.00
79) Terphenyl-d14	19.680	244	3372860	93.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	158695	34.197	ng		97
3) Pyridine	3.628	79	409504	30.023	ng		97
4) n-Nitrosodimethylamine	3.546	42	187229	36.369	ng	#	71
6) Aniline	7.028	93	755372	45.926	ng		97
8) 2-Chlorophenol	7.257	128	570323	49.451	ng		95
9) Benzaldehyde	6.840	77	389185	42.705	ng		96
10) Phenol	6.910	94	690559	45.482	ng		99
11) bis(2-Chloroethyl)ether	7.128	93	514827	44.656	ng		96
12) 1,3-Dichlorobenzene	7.575	146	562180	46.770	ng		98
13) 1,4-Dichlorobenzene	7.722	146	579456	47.499	ng		99
14) 1,2-Dichlorobenzene	8.034	146	555410	47.447	ng		97
15) Benzyl Alcohol	7.946	79	522913	46.051	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	522774	38.106	ng		98
17) 2-Methylphenol	8.146	107	464374	48.437	ng		100
18) Hexachloroethane	8.752	117	230094	47.653	ng		91
19) n-Nitroso-di-n-propyla...	8.510	70	423477	41.687	ng		94
20) 3+4-Methylphenols	8.481	107	629435	48.235	ng		98
22) Acetophenone	8.516	105	842271	45.270	ng	#	98
24) Nitrobenzene	8.893	77	650391	41.163	ng		94
25) Isophorone	9.422	82	1114037	40.806	ng		96
26) 2-Nitrophenol	9.599	139	299213	52.036	ng		95
27) 2,4-Dimethylphenol	9.669	122	506801	52.633	ng		97
28) bis(2-Chloroethoxy)met...	9.904	93	681119	46.628	ng		99
29) 2,4-Dichlorophenol	10.134	162	477097	48.940	ng		95
30) 1,2,4-Trichlorobenzene	10.340	180	493380	47.099	ng		97
31) Naphthalene	10.528	128	1680591	44.579	ng		99
32) Benzoic acid	9.851	122	369213	49.565	ng		93
33) 4-Chloroaniline	10.646	127	553542	36.284	ng		96
34) Hexachlorobutadiene	10.804	225	295141	48.349	ng		99
35) Caprolactam	11.469	113	171269m	48.723	ng		
36) 4-Chloro-3-methylphenol	11.793	107	581106	46.917	ng		92
37) 2-Methylnaphthalene	12.145	142	1151370	45.071	ng		99
38) 1-Methylnaphthalene	12.363	142	1066122	43.916	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	504846	48.705	ng	#	95
41) Hexachlorocyclopentadiene	12.487	237	648760	118.010	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	355368	50.210	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	382548	48.830	ng	#	89
46) 1,1'-Biphenyl	13.169	154	1355049	45.204	ng		98
47) 2-Chloronaphthalene	13.210	162	1053649	45.644	ng		95
48) 2-Nitroaniline	13.428	65	377068	46.286	ng		91
49) Acenaphthylene	14.057	152	1728270	46.432	ng		99
50) Dimethylphthalate	13.810	163	1336528	46.362	ng		100
51) 2,6-Dinitrotoluene	13.934	165	292479	45.467	ng	#	86
52) Acenaphthene	14.404	154	1002004	44.232	ng		98
53) 3-Nitroaniline	14.263	138	275027	38.566	ng		86
54) 2,4-Dinitrophenol	14.475	184	344322	102.357	ng	#	83
55) Dibenzofuran	14.739	168	1563534	43.880	ng		93
56) 4-Nitrophenol	14.592	139	580504	93.747	ng		90
57) 2,4-Dinitrotoluene	14.722	165	415644	48.180	ng	#	79
58) Fluorene	15.392	166	1273300	44.708	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	316330	48.182	ng	#	73
60) Diethylphthalate	15.181	149	1431934	47.292	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	597274	46.308	ng		91
62) 4-Nitroaniline	15.434	138	320126	42.304	ng		93
63) Azobenzene	15.686	77	1496567	42.394	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	209514	44.473	ng		81
66) n-Nitrosodiphenylamine	15.610	169	1089263	44.948	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	362052	48.940	ng	#	88
68) Hexachlorobenzene	16.392	284	402784	47.845	ng	#	87
69) Atrazine	16.581	200	395730	52.330	ng		96
70) Pentachlorophenol	16.751	266	535497	100.254	ng		99
71) Phenanthrene	17.139	178	1936123	44.519	ng		99
72) Anthracene	17.233	178	1983808	47.207	ng		99
73) Carbazole	17.516	167	1855656	43.292	ng		98
74) Di-n-butylphthalate	18.075	149	2449313	50.155	ng		99
75) Fluoranthene	19.122	202	2215834	45.394	ng		95
77) Benzidine	19.316	184	1662051	91.755	ng		99
78) Pyrene	19.474	202	2260970	46.761	ng		98
80) Butylbenzylphthalate	20.369	149	1133568	53.315	ng		94
81) Benzo(a)anthracene	21.192	228	2153525	45.521	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	730712	58.835	ng	#	98
83) Chrysene	21.245	228	2099936	45.787	ng		100
84) Bis(2-ethylhexyl)phtha...	21.127	149	1697131	53.117	ng	#	96
85) Di-n-octyl phthalate	22.027	149	2955587	56.123	ng		98
87) Indeno(1,2,3-cd)pyrene	25.915	276	2609334	48.043	ng	#	92
88) Benzo(b)fluoranthene	22.821	252	2292674	47.096	ng	#	98
89) Benzo(k)fluoranthene	22.868	252	2116548	45.284	ng	#	97
90) Benzo(a)pyrene	23.421	252	2171693	49.737	ng	#	96
91) Dibenzo(a,h)anthracene	25.933	278	2224534	47.372	ng	#	94
92) Benzo(g,h,i)perylene	26.651	276	2177520	48.390	ng	#	92

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

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