Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007009.D
Acq On : 16 Sep 2021 22:52
Operator : CG/JU
Sample : M3687-20MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 02:40:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 15:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A016095MS

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:55 AM

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	324981	20.000	ng		-0.01
21) Naphthalene-d8	10.710	136	1313513	20.000	ng		#-0.01
39) Acenaphthene-d10	14.540	164	831528	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1730257	20.000	ng		#-0.01
76) Chrysene-d12	21.363	240	1692214	20.000	ng		#-0.02
86) Perylene-d12	23.774	264	1716412	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1865192	93.720	ng		0.00
7) Phenol-d6	7.075	99	2377468	87.523	ng		0.00
23) Nitrobenzene-d5	9.069	82	1296275	55.428	ng		-0.01
42) 2,4,6-Tribromophenol	16.028	330	871041	87.103	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3150709	52.308	ng		-0.01
79) Terphenyl-d14	19.839	244	4572022	51.837	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	323659	37.140	ng	#	87
3) Pyridine	3.776	79	787373	35.140	ng	#	83
4) n-Nitrosodimethylamine	3.687	42	339837	41.286	ng	#	82
6) Aniline	7.240	93	858537	29.332	ng		98
8) 2-Chlorophenol	7.475	128	910103	40.800	ng		97
9) Benzaldehyde	7.052	77	491606	38.989	ng		95
10) Phenol	7.105	94	1172517	42.819	ng		91
11) bis(2-Chloroethyl)ether	7.334	93	846654	40.112	ng		93
12) 1,3-Dichlorobenzene	7.799	146	966388	38.667	ng		97
13) 1,4-Dichlorobenzene	7.946	146	987287	38.962	ng		98
14) 1,2-Dichlorobenzene	8.264	146	945112	38.950	ng		98
15) Benzyl Alcohol	8.152	79	733872	41.887	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1010865	40.966	ng		88
17) 2-Methylphenol	8.352	107	761026	43.266	ng		94
18) Hexachloroethane	8.993	117	334353	39.730	ng		100
19) n-Nitroso-di-n-propyla...	8.722	70	595982	39.963	ng		99
20) 3+4-Methylphenols	8.681	107	1022420	42.944	ng		96
22) Acetophenone	8.734	105	1287362	38.860	ng	#	98
24) Nitrobenzene	9.111	77	904244	37.062	ng		99
25) Isophorone	9.640	82	1606587	37.163	ng		98
26) 2-Nitrophenol	9.822	139	421903	39.884	ng	#	92
27) 2,4-Dimethylphenol	9.887	122	863112	46.369	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	1079670	41.161	ng		99
29) 2,4-Dichlorophenol	10.358	162	855574	40.232	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	889118	36.768	ng		97
31) Naphthalene	10.763	128	2672517	36.720	ng		99
32) Benzoic acid	10.016	122	537343	39.947	ng		96
33) 4-Chloroaniline	10.869	127	375695	13.295	ng		99
34) Hexachlorobutadiene	11.052	225	511553	35.922	ng		99
35) Caprolactam	11.657	113	261416m	44.674	ng		
36) 4-Chloro-3-methylphenol	11.993	107	891947	41.578	ng		98
37) 2-Methylnaphthalene	12.369	142	1953067	37.852	ng		96
38) 1-Methylnaphthalene	12.587	142	1796634	36.876	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	990083	37.415	ng		98
41) Hexachlorocyclopentadiene	12.716	237	1286048	97.836	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	675885	39.511	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	754580	40.036	ng		97
46) 1,1'-Biphenyl	13.375	154	2380036	36.694	ng		99
47) 2-Chloronaphthalene	13.416	162	1894653	37.073	ng		97
48) 2-Nitroaniline	13.616	65	503346	42.984	ng		99
49) Acenaphthylene	14.257	152	3046861	39.343	ng		100
50) Dimethylphthalate	13.999	163	2371804	39.080	ng		100
51) 2,6-Dinitrotoluene	14.116	165	512384	38.793	ng		94
52) Acenaphthene	14.604	154	1815509	37.039	ng		99
53) 3-Nitroaniline	14.440	138	401444	30.405	ng		98
54) 2,4-Dinitrophenol	14.646	184	532614	76.047	ng		94
55) Dibenzofuran	14.934	168	2909043	36.641	ng		96
56) 4-Nitrophenol	14.746	139	988082	88.179	ng	#	80
57) 2,4-Dinitrotoluene	14.898	165	698495	41.318	ng		96
58) Fluorene	15.587	166	2348648	37.902	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	630682m	38.904	ng		
60) Diethylphthalate	15.363	149	2320347	39.753	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	1183252	38.070	ng		93
62) 4-Nitroaniline	15.604	138	552441	41.624	ng	#	81
63) Azobenzene	15.875	77	2106830	38.975	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	343027	32.692	ng		93
66) n-Nitrosodiphenylamine	15.793	169	2056259	37.342	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	714784	37.371	ng		95
68) Hexachlorobenzene	16.587	284	806503	37.508	ng		98
69) Atrazine	16.751	200	732954	44.764	ng		96
70) Pentachlorophenol	16.934	266	1092132	84.577	ng		99
71) Phenanthrene	17.328	178	3713447	36.995	ng		99
72) Anthracene	17.416	178	3771876	39.275	ng		99
73) Carbazole	17.687	167	3471665	37.055	ng		98
74) Di-n-butylphthalate	18.239	149	4000511	41.751	ng		99
75) Fluoranthene	19.292	202	4318229	37.350	ng		97
77) Benzidine	19.469	184	2513380	92.456	ng		99
78) Pyrene	19.639	202	4484856	38.246	ng		98
80) Butylbenzylphthalate	20.516	149	1743027	42.458	ng		96
81) Benzo(a)anthracene	21.345	228	4281546	37.234	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1398129	42.760	ng	#	98
83) Chrysene	21.404	228	4212213	37.331	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2573274	42.643	ng		98
85) Di-n-octyl phthalate	22.204	149	4347495	44.079	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4999598	38.381	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4403424	37.771	ng	#	98
89) Benzo(k)fluoranthene	23.086	252	4290426	37.811	ng	#	98
90) Benzo(a)pyrene	23.669	252	4250160	40.652	ng	#	97
91) Dibenzo(a,h)anthracene	26.321	278	4256747	37.776	ng	#	95
92) Benzo(g,h,i)perylene	27.086	276	4159413	38.260	ng	#	95

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

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