Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007926.D
Acq On : 10 Nov 2021 18:50
Operator : CG/JU
Sample : M4605-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 11 10:16:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
VWE-B19-110821-30-40MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
11/11/2021
Supervised By :mohammad ahmed
11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	122834	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	435624	20.000	ng		-0.01
39) Acenaphthene-d10	14.492	164	242707	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	504810	20.000	ng		-0.01
76) Chrysene-d12	21.345	240	619341	20.000	ng		# 0.00
86) Perylene-d12	23.751	264	784714	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	900782	124.368	ng		0.00
7) Phenol-d6	7.034	99	1073946	102.444	ng		0.00
23) Nitrobenzene-d5	9.016	82	675506	83.297	ng		-0.01
42) 2,4,6-Tribromophenol	15.986	330	464139	133.998	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1426686	85.603	ng		-0.01
79) Terphenyl-d14	19.810	244	2220920	73.020	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	135636	55.130	ng		94
3) Pyridine	3.746	79	326301	40.605	ng		99
4) n-Nitrosodimethylamine	3.652	42	174323	50.723	ng	#	99
6) Aniline	7.181	93	516641	43.754	ng		98
8) 2-Chlorophenol	7.422	128	404001	50.616	ng		96
9) Benzaldehyde	6.993	77	235128	41.247	ng		98
10) Phenol	7.063	94	480120	47.960	ng		95
11) bis(2-Chloroethyl)ether	7.281	93	364729	45.644	ng		96
12) 1,3-Dichlorobenzene	7.746	146	458756	51.680	ng		98
13) 1,4-Dichlorobenzene	7.893	146	464730	51.237	ng		99
14) 1,2-Dichlorobenzene	8.210	146	442649	50.500	ng		99
15) Benzyl Alcohol	8.099	79	353717	44.567	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.387	45	405844	43.328	ng		95
17) 2-Methylphenol	8.310	107	319341	46.130	ng		98
18) Hexachloroethane	8.934	117	169039	53.894	ng		91
19) n-Nitroso-di-n-propyla...	8.669	70	261368	40.738	ng		93
20) 3+4-Methylphenols	8.634	107	420437	43.175	ng		98
22) Acetophenone	8.681	105	556535	50.703	ng	#	98
24) Nitrobenzene	9.057	77	408870	52.983	ng		96
25) Isophorone	9.587	82	699526	47.464	ng		98
26) 2-Nitrophenol	9.769	139	216630	55.430	ng		94
27) 2,4-Dimethylphenol	9.840	122	343993	57.275	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	437342	44.970	ng		99
29) 2,4-Dichlorophenol	10.310	162	378330	52.393	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	429634	53.495	ng		97
31) Naphthalene	10.704	128	1137381	51.614	ng		98
32) Benzoic acid	9.993	122	257884	49.811	ng		96
33) 4-Chloroaniline	10.816	127	349799	36.036	ng		98
34) Hexachlorobutadiene	10.998	225	299360	56.773	ng		100
35) Caprolactam	11.616	113	106943	42.428	ng	#	89
36) 4-Chloro-3-methylphenol	11.951	107	378815	46.439	ng		98
37) 2-Methylnaphthalene	12.316	142	806073	49.591	ng		98
38) 1-Methylnaphthalene	12.534	142	744292	46.734	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	466960	61.373	ng		99
41) Hexachlorocyclopentadiene	12.669	237	620760	152.336	ng		97
43) 2,4,6-Trichlorophenol	12.928	196	304449	57.288	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	323144	56.133	ng		97
46) 1,1'-Biphenyl	13.328	154	918485	52.413	ng		98
47) 2-Chloronaphthalene	13.369	162	736291	54.068	ng		99
48) 2-Nitroaniline	13.569	65	205063	52.333	ng		99
49) Acenaphthylene	14.216	152	1135283	53.084	ng		99
50) Dimethylphthalate	13.957	163	911184	48.641	ng		99
51) 2,6-Dinitrotoluene	14.069	165	200278	51.697	ng		98
52) Acenaphthene	14.557	154	664511	51.447	ng		98
53) 3-Nitroaniline	14.398	138	184961	44.751	ng	#	96
54) 2,4-Dinitrophenol	14.610	184	276798	116.227	ng	#	87
55) Dibenzofuran	14.892	168	1089141	49.847	ng		98
56) 4-Nitrophenol	14.722	139	343489	97.847	ng		91
57) 2,4-Dinitrotoluene	14.863	165	279717	52.447	ng		88
58) Fluorene	15.545	166	856820	51.700	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	272704m	52.624	ng		
60) Diethylphthalate	15.322	149	889764	48.923	ng		98
61) 4-Chlorophenyl-phenyle...	15.539	204	463099	51.159	ng		99
62) 4-Nitroaniline	15.563	138	196518	46.816	ng		89
63) Azobenzene	15.834	77	757350	49.338	ng		97
65) 4,6-Dinitro-2-methylph...	15.628	198	172565	52.207	ng		90
66) n-Nitrosodiphenylamine	15.757	169	760701	52.931	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	303932	54.385	ng		96
68) Hexachlorobenzene	16.557	284	349305	56.014	ng		93
69) Atrazine	16.716	200	298937	54.321	ng		97
70) Pentachlorophenol	16.904	266	459280	114.511	ng		96
71) Phenanthrene	17.292	178	1378126	51.931	ng		100
72) Anthracene	17.381	178	1417627	54.282	ng		100
73) Carbazole	17.657	167	1262121	48.618	ng		99
74) Di-n-butylphthalate	18.210	149	1503522	50.854	ng		100
75) Fluoranthene	19.263	202	1748391	52.227	ng		97
77) Benzidine	19.445	184	1341012	85.912	ng		99
78) Pyrene	19.616	202	1821075	47.940	ng		100
80) Butylbenzylphthalate	20.492	149	738423	46.253	ng		95
81) Benzo(a)anthracene	21.327	228	1990860	48.792	ng		100
82) 3,3'-Dichlorobenzidine	21.257	252	747134	54.530	ng		99
83) Chrysene	21.380	228	1973582	51.093	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1052577	45.970	ng	#	98
85) Di-n-octyl phthalate	22.186	149	1998396	48.518	ng		96
87) Indeno(1,2,3-cd)pyrene	26.280	276	3228321	55.192	ng	#	94
88) Benzo(b)fluoranthene	23.021	252	2469873	53.395	ng	#	98
89) Benzo(k)fluoranthene	23.068	252	2309836	50.312	ng	#	98
90) Benzo(a)pyrene	23.645	252	2440882	60.942	ng	#	97
91) Dibenzo(a,h)anthracene	26.292	278	2741395	56.546	ng	#	97
92) Benzo(g,h,i)perylene	27.051	276	2771448	57.624	ng	#	94

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

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