Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007925.D
Acq On : 10 Nov 2021 18:16
Operator : CG/JU
Sample : M4605-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Nov 11 10:15:10 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.858	152	120612	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	450699	20.000	ng	#	0.00
39) Acenaphthene-d10	14.493	164	263963	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	569633	20.000	ng	#	0.00
76) Chrysene-d12	21.345	240	695674	20.000	ng	#	0.00
86) Perylene-d12	23.751	264	835452	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	932279	131.088	ng		0.00
7) Phenol-d6	7.034	99	1124353	109.228	ng		0.00
23) Nitrobenzene-d5	9.016	82	703919	83.898	ng		-0.01
42) 2,4,6-Tribromophenol	15.987	330	520751	138.235	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1534016	84.631	ng		-0.01
79) Terphenyl-d14	19.816	244	2608482	76.352	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	135411	56.110	ng		96
3) Pyridine	3.746	79	330798	41.923	ng		96
4) n-Nitrosodimethylamine	3.652	42	176905	52.423	ng	#	96
6) Aniline	7.181	93	534200	46.074	ng		98
8) 2-Chlorophenol	7.422	128	419671	53.548	ng		97
9) Benzaldehyde	6.993	77	239546	42.797	ng		97
10) Phenol	7.064	94	504908	51.366	ng		96
11) bis(2-Chloroethyl)ether	7.281	93	374893	47.780	ng		95
12) 1,3-Dichlorobenzene	7.746	146	460165	52.793	ng		97
13) 1,4-Dichlorobenzene	7.893	146	473735	53.192	ng		98
14) 1,2-Dichlorobenzene	8.211	146	447936	52.045	ng		99
15) Benzyl Alcohol	8.099	79	374033	47.995	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	412648	44.866	ng		95
17) 2-Methylphenol	8.311	107	333520	49.066	ng		98
18) Hexachloroethane	8.934	117	167402	54.356	ng		91
19) n-Nitroso-di-n-propyla...	8.669	70	279653	44.391	ng		96
20) 3+4-Methylphenols	8.634	107	449922	47.054	ng		98
22) Acetophenone	8.681	105	577240	50.831	ng	#	97
24) Nitrobenzene	9.058	77	429152	53.751	ng		98
25) Isophorone	9.593	82	743788	48.779	ng		98
26) 2-Nitrophenol	9.769	139	223092	55.174	ng		95
27) 2,4-Dimethylphenol	9.840	122	367319	59.113	ng		95
28) bis(2-Chloroethoxy)met...	10.069	93	460648	45.782	ng		99
29) 2,4-Dichlorophenol	10.310	162	402372	53.858	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	442948	53.308	ng		100
31) Naphthalene	10.705	128	1173752	51.483	ng		98
32) Benzoic acid	9.999	122	285282	53.260	ng		98
33) 4-Chloroaniline	10.816	127	377135	37.553	ng		98
34) Hexachlorobutadiene	10.999	225	302701	55.487	ng		99
35) Caprolactam	11.616	113	121077	46.428	ng		89
36) 4-Chloro-3-methylphenol	11.951	107	409177	48.483	ng		99
37) 2-Methylnaphthalene	12.316	142	855824	50.890	ng		97
38) 1-Methylnaphthalene	12.534	142	786329	47.722	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	494548	59.765	ng		99
41) Hexachlorocyclopentadiene	12.669	237	644818	145.498	ng		97
43) 2,4,6-Trichlorophenol	12.928	196	328585	56.851	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	357220	57.056	ng		96
46) 1,1'-Biphenyl	13.328	154	985831	51.726	ng		98
47) 2-Chloronaphthalene	13.369	162	791479	53.440	ng		100
48) 2-Nitroaniline	13.569	65	231016	54.209	ng		99
49) Acenaphthylene	14.216	152	1227982	52.795	ng		99
50) Dimethylphthalate	13.957	163	1005658	49.361	ng		100
51) 2,6-Dinitrotoluene	14.069	165	223171	52.967	ng		99
52) Acenaphthene	14.557	154	721928	51.392	ng		98
53) 3-Nitroaniline	14.398	138	206332	45.902	ng	#	94
54) 2,4-Dinitrophenol	14.610	184	311364	120.213	ng	#	86
55) Dibenzofuran	14.893	168	1192952	50.202	ng		99
56) 4-Nitrophenol	14.722	139	393598	103.093	ng		89
57) 2,4-Dinitrotoluene	14.863	165	315940	54.469	ng		89
58) Fluorene	15.545	166	950321	52.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	303435m	53.839	ng		
60) Diethylphthalate	15.322	149	1001301	50.623	ng		99
61) 4-Chlorophenyl-phenyle...	15.540	204	506381	51.436	ng		99
62) 4-Nitroaniline	15.569	138	224825	49.246	ng		91
63) Azobenzene	15.834	77	839730	50.300	ng		97
65) 4,6-Dinitro-2-methylph...	15.628	198	198433	53.201	ng		91
66) n-Nitrosodiphenylamine	15.757	169	846702	52.211	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	337924	53.586	ng		99
68) Hexachlorobenzene	16.557	284	389115	55.298	ng		94
69) Atrazine	16.716	200	347336	55.933	ng		97
70) Pentachlorophenol	16.904	266	526730	116.383	ng		97
71) Phenanthrene	17.292	178	1567365	52.341	ng		100
72) Anthracene	17.381	178	1619171	54.944	ng		99
73) Carbazole	17.657	167	1451355	49.545	ng		99
74) Di-n-butylphthalate	18.210	149	1750998	52.485	ng		99
75) Fluoranthene	19.263	202	2035919	53.896	ng		97
77) Benzidine	19.451	184	1526916	87.088	ng		98
78) Pyrene	19.616	202	2108291	49.411	ng		99
80) Butylbenzylphthalate	20.492	149	889433	49.599	ng		96
81) Benzo(a)anthracene	21.327	228	2306197	50.319	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	845135	54.914	ng		99
83) Chrysene	21.380	228	2246519	51.778	ng		100
84) Bis(2-ethylhexyl)phtha...	21.257	149	1269055	49.343	ng	#	98
85) Di-n-octyl phthalate	22.186	149	2418373	52.272	ng		96
87) Indeno(1,2,3-cd)pyrene	26.280	276	3349261	53.782	ng	#	93
88) Benzo(b)fluoranthene	23.022	252	2709567	55.019	ng	#	98
89) Benzo(k)fluoranthene	23.069	252	2551468	52.200	ng	#	98
90) Benzo(a)pyrene	23.651	252	2634727	61.786	ng	#	97
91) Dibenzo(a,h)anthracene	26.292	278	2846819	55.154	ng	#	97
92) Benzo(g,h,i)perylene	27.051	276	2843436	55.531	ng	#	95

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

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