Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007248.D
Acq On : 29 Sep 2021 16:30
Operator : CG/JU
Sample : M3971-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RP-COMP-3MSD

Quant Time: Sep 29 18:42:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 14:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	199873	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	758567	20.000	ng		# 0.00
39) Acenaphthene-d10	14.510	164	387765	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	766420	20.000	ng		# 0.00
76) Chrysene-d12	21.351	240	818793	20.000	ng		0.00
86) Perylene-d12	23.763	264	952278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	1199079	100.423	ng		0.00
7) Phenol-d6	7.058	99	1499627	91.892	ng		0.00
23) Nitrobenzene-d5	9.040	82	855044	65.643	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	548213	109.050	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	2020343	74.643	ng		0.00
79) Terphenyl-d14	19.822	244	2369425	55.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	179821	37.241	ng	#	88
3) Pyridine	3.752	79	504774	38.202	ng	#	87
4) n-Nitrosodimethylamine	3.658	42	215785	47.638	ng	#	82
6) Aniline	7.205	93	644042	35.803	ng		99
8) 2-Chlorophenol	7.446	128	619665	47.752	ng		98
9) Benzaldehyde	7.016	77	357853	38.928	ng		94
10) Phenol	7.081	94	759057	48.244	ng		91
11) bis(2-Chloroethyl)ether	7.305	93	560830	45.157	ng		96
12) 1,3-Dichlorobenzene	7.763	146	676126	46.191	ng		97
13) 1,4-Dichlorobenzene	7.910	146	689370	46.196	ng		97
14) 1,2-Dichlorobenzene	8.228	146	662637	45.823	ng		98
15) Benzyl Alcohol	8.122	79	492684	47.137	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.410	45	635539	44.691	ng		90
17) 2-Methylphenol	8.328	107	497925	46.945	ng		94
18) Hexachloroethane	8.952	117	248633	49.626	ng		96
19) n-Nitroso-di-n-propyla...	8.687	70	384448	43.314	ng		99
20) 3+4-Methylphenols	8.657	107	664980	45.341	ng		95
22) Acetophenone	8.705	105	857001	46.887	ng		99
24) Nitrobenzene	9.081	77	596790	48.055	ng		97
25) Isophorone	9.616	82	1042029	45.878	ng		97
26) 2-Nitrophenol	9.793	139	323601	49.971	ng	#	89
27) 2,4-Dimethylphenol	9.857	122	546920	53.640	ng		98
28) bis(2-Chloroethoxy)met...	10.093	93	689160	43.007	ng		99
29) 2,4-Dichlorophenol	10.334	162	573158	48.189	ng		99
30) 1,2,4-Trichlorobenzene	10.546	180	625895	46.192	ng		98
31) Naphthalene	10.728	128	1829619	47.259	ng		99
32) Benzoic acid	10.028	122	407581	52.010	ng		93
33) 4-Chloroaniline	10.846	127	386053	24.137	ng		99
34) Hexachlorobutadiene	11.010	225	381874	47.069	ng		99
35) Caprolactam	11.651	113	170675	46.644	ng	#	72
36) 4-Chloro-3-methylphenol	11.975	107	551067	45.581	ng		96
37) 2-Methylnaphthalene	12.340	142	1295189	47.778	ng		98
38) 1-Methylnaphthalene	12.557	142	1193972	45.077	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	678794	57.163	ng		98
41) Hexachlorocyclopentadiene	12.681	237	300291	45.627	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	455940	56.271	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	495338	56.770	ng		96
46) 1,1'-Biphenyl	13.345	154	1543138	53.502	ng		99
47) 2-Chloronaphthalene	13.393	162	1233278	55.199	ng		96
48) 2-Nitroaniline	13.598	65	330749	60.718	ng		94
49) Acenaphthylene	14.234	152	2090292	60.743	ng		100
50) Dimethylphthalate	13.975	163	1454045	52.137	ng		100
51) 2,6-Dinitrotoluene	14.092	165	321329	56.404	ng		93
52) Acenaphthene	14.575	154	976754	46.849	ng		99
53) 3-Nitroaniline	14.422	138	242097	39.303	ng		97
54) 2,4-Dinitrophenol	14.634	184	154676	47.133	ng		93
55) Dibenzofuran	14.910	168	1545444	44.428	ng		96
56) 4-Nitrophenol	14.745	139	482080	96.402	ng	#	81
57) 2,4-Dinitrotoluene	14.881	165	371540	49.422	ng		91
58) Fluorene	15.563	166	1247296	46.414	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	358512	46.792	ng		95
60) Diethylphthalate	15.334	149	1198833	44.361	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	628064	44.228	ng		95
62) 4-Nitroaniline	15.586	138	273593	44.165	ng	#	84
63) Azobenzene	15.845	77	932943	39.839	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	105965	23.039	ng		99
66) n-Nitrosodiphenylamine	15.769	169	1056839	46.344	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	403763	48.068	ng		94
68) Hexachlorobenzene	16.569	284	472154	50.860	ng		95
69) Atrazine	16.728	200	278798	34.684	ng		96
70) Pentachlorophenol	16.916	266	583294	101.174	ng		99
71) Phenanthrene	17.304	178	2314485	56.320	ng		100
72) Anthracene	17.398	178	2064785	51.362	ng		99
73) Carbazole	17.669	167	1754414	44.536	ng		98
74) Di-n-butylphthalate	18.216	149	2019057	46.249	ng		99
75) Fluoranthene	19.275	202	3241643	68.467	ng		98
77) Benzidine	19.451	184	542478	21.559	ng		99
78) Pyrene	19.627	202	3275485	60.973	ng		99
80) Butylbenzylphthalate	20.498	149	937088	43.558	ng		92
81) Benzo(a)anthracene	21.339	228	2858132	53.777	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	815365	44.672	ng		98
83) Chrysene	21.392	228	2722628	53.600	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1365094	44.135	ng		98
85) Di-n-octyl phthalate	22.180	149	2443004	46.393	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	3584464	52.377	ng		99
88) Benzo(b)fluoranthene	23.027	252	3179238	55.864	ng		99
89) Benzo(k)fluoranthene	23.074	252	2848684	49.439	ng		98
90) Benzo(a)pyrene	23.657	252	3035734	62.787	ng		99
91) Dibenzo(a,h)anthracene	26.315	278	2823691	49.235	ng		98
92) Benzo(g,h,i)perylene	27.080	276	3084050	55.104	ng		98

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

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