Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110221\
Data File : BP007808.D
Acq On : 02 Nov 2021 16:29
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 17:05:31 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 02 16:41:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	205073	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	852094	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	589648	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1336904	20.000	ng		0.00
76) Chrysene-d12	21.416	240	1516083	20.000	ng		0.00
86) Perylene-d12	23.851	264	1794123	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1111496	89.833	ng		0.00
7) Phenol-d6	7.099	99	1628081	97.667	ng		0.00
23) Nitrobenzene-d5	9.087	82	1503947	108.925	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	838628	137.021	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3775073	97.859	ng		0.00
79) Terphenyl-d14	19.880	244	6779430	90.569	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	197778	36.433	ng		97
3) Pyridine	3.793	79	578738	39.480	ng		97
4) n-Nitrosodimethylamine	3.699	42	263377	41.130	ng	#	94
6) Aniline	7.252	93	916371	47.861	ng		99
8) 2-Chlorophenol	7.493	128	623175	48.738	ng		96
9) Benzaldehyde	7.063	77	413305	38.633	ng		95
10) Phenol	7.122	94	780894	48.266	ng		98
11) bis(2-Chloroethyl)ether	7.352	93	611703	46.827	ng		97
12) 1,3-Dichlorobenzene	7.816	146	684100	45.962	ng		97
13) 1,4-Dichlorobenzene	7.958	146	697409	46.295	ng		99
14) 1,2-Dichlorobenzene	8.281	146	673977	47.044	ng		99
15) Benzyl Alcohol	8.169	79	626598	51.148	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	713397	41.776	ng		98
17) 2-Methylphenol	8.369	107	543191	49.595	ng		100
18) Hexachloroethane	9.010	117	248374	46.223	ng		92
19) n-Nitroso-di-n-propyla...	8.740	70	489122	50.377	ng		94
20) 3+4-Methylphenols	8.705	107	766134	51.391	ng		98
22) Acetophenone	8.752	105	997425	47.277	ng	#	97
24) Nitrobenzene	9.128	77	711894	51.613	ng		97
25) Isophorone	9.663	82	1354418	47.095	ng		98
26) 2-Nitrophenol	9.840	139	375284	71.794	ng		96
27) 2,4-Dimethylphenol	9.904	122	551288	47.198	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	876873	46.773	ng		99
29) 2,4-Dichlorophenol	10.375	162	678502	53.523	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	735309	49.597	ng		98
31) Naphthalene	10.781	128	2010424	47.295	ng		99
32) Benzoic acid	10.069	122	527721	79.910	ng		99
33) 4-Chloroaniline	10.887	127	899143	49.436	ng		99
34) Hexachlorobutadiene	11.075	225	482949	51.633	ng		99
35) Caprolactam	11.687	113	242588	94.063	ng		89
36) 4-Chloro-3-methylphenol	12.016	107	757618	53.988	ng		99
37) 2-Methylnaphthalene	12.387	142	1463286	49.005	ng		98
38) 1-Methylnaphthalene	12.610	142	1435600	49.488	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	875402	50.586	ng		99
41) Hexachlorocyclopentadiene	12.740	237	499093	52.903	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	628204	60.399	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	679392	65.682	ng		97
46) 1,1'-Biphenyl	13.398	154	1969735	46.262	ng		99
47) 2-Chloronaphthalene	13.440	162	1548596	47.302	ng		99
48) 2-Nitroaniline	13.640	65	469391	65.657	ng		96
49) Acenaphthylene	14.287	152	2467059	47.352	ng		98
50) Dimethylphthalate	14.028	163	2114802	49.786	ng		99
51) 2,6-Dinitrotoluene	14.140	165	457729	64.307	ng		94
52) Acenaphthene	14.628	154	1469329	45.387	ng		99
53) 3-Nitroaniline	14.469	138	490760	61.361	ng	#	95
54) 2,4-Dinitrophenol	14.675	184	303544	125.195	ng		94
55) Dibenzofuran	14.963	168	2493214	48.395	ng		99
56) 4-Nitrophenol	14.781	139	421941	65.726	ng		94
57) 2,4-Dinitrotoluene	14.928	165	645727	70.888	ng		89
58) Fluorene	15.616	166	1914082	50.093	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	615335m	60.819	ng		
60) Diethylphthalate	15.392	149	2131195	49.650	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	1038291	52.233	ng		98
62) 4-Nitroaniline	15.634	138	515178	67.089	ng		95
63) Azobenzene	15.904	77	1827175	44.485	ng		98
65) 4,6-Dinitro-2-methylph...	15.698	198	439357	87.471	ng		89
66) n-Nitrosodiphenylamine	15.822	169	1768368	46.276	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	689016	50.490	ng		97
68) Hexachlorobenzene	16.628	284	766275	50.946	ng		95
69) Atrazine	16.786	200	680432	49.240	ng		99
70) Pentachlorophenol	16.969	266	530005	63.240	ng		97
71) Phenanthrene	17.363	178	3263764	47.240	ng		100
72) Anthracene	17.451	178	3221605	46.706	ng		99
73) Carbazole	17.722	167	3211714	46.528	ng		99
74) Di-n-butylphthalate	18.281	149	3735270	46.910	ng		99
75) Fluoranthene	19.333	202	4142801	49.467	ng		98
77) Benzidine	19.504	184	1799565	41.226	ng		99
78) Pyrene	19.680	202	4312739	42.933	ng		99
80) Butylbenzylphthalate	20.557	149	1885287	47.440	ng		98
81) Benzo(a)anthracene	21.398	228	4650774	46.748	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1573389	48.203	ng		99
83) Chrysene	21.451	228	4434549	47.182	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2644670	44.364	ng	#	97
85) Di-n-octyl phthalate	22.263	149	4886242	47.500	ng		96
87) Indeno(1,2,3-cd)pyrene	26.415	276	6368823	50.286	ng		96
88) Benzo(b)fluoranthene	23.110	252	4953501	46.563	ng		98
89) Benzo(k)fluoranthene	23.163	252	4879204	46.839	ng		99
90) Benzo(a)pyrene	23.745	252	4307620	47.610	ng		98
91) Dibenzo(a,h)anthracene	26.433	278	5258003	50.324	ng		98
92) Benzo(g,h,i)perylene	27.198	276	5286350	50.089	ng		97

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

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