Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007090.D
Acq On : 22 Sep 2021 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/23/2021 1:21:11 PM

Quant Time: Sep 22 11:34:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	263688	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1025023	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	642180	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1326845	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1310143	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1335556	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1230987	78.145	ng		0.00
7) Phenol-d6	7.069	99	1696395	78.793	ng		0.00
23) Nitrobenzene-d5	9.063	82	1424459	80.930	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	653931	78.545	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3525863	78.658	ng		0.00
79) Terphenyl-d14	19.833	244	5312618	77.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	252619	39.656	ng	#	87
3) Pyridine	3.775	79	692924	39.751	ng	#	85
4) n-Nitrosodimethylamine	3.681	42	244634	40.936	ng	#	79
6) Aniline	7.228	93	929322	39.159	ng		99
8) 2-Chlorophenol	7.463	128	664664	38.824	ng		97
9) Benzaldehyde	7.040	77	499140	41.157	ng		94
10) Phenol	7.093	94	816670	39.344	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	637267	38.894	ng		94
12) 1,3-Dichlorobenzene	7.793	146	743473	38.500	ng		97
13) 1,4-Dichlorobenzene	7.940	146	750940	38.144	ng		98
14) 1,2-Dichlorobenzene	8.252	146	730509	38.291	ng		99
15) Benzyl Alcohol	8.140	79	540069	39.166	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	773037	41.204	ng		89
17) 2-Methylphenol	8.346	107	545695	38.997	ng		93
18) Hexachloroethane	8.981	117	258285	39.076	ng		99
19) n-Nitroso-di-n-propyla...	8.710	70	464096	39.633	ng		99
20) 3+4-Methylphenols	8.669	107	758679	39.211	ng		93
22) Acetophenone	8.728	105	967819	39.186	ng		99
24) Nitrobenzene	9.105	77	675183	40.234	ng		98
25) Isophorone	9.634	82	1217372	39.665	ng		99
26) 2-Nitrophenol	9.816	139	339728	38.824	ng	#	89
27) 2,4-Dimethylphenol	9.875	122	541583	39.309	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	855329	39.501	ng		99
29) 2,4-Dichlorophenol	10.346	162	628325	39.094	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	700535	38.261	ng		98
31) Naphthalene	10.752	128	2034864	38.898	ng		99
32) Benzoic acid	10.010	122	394576	37.262	ng		97
33) 4-Chloroaniline	10.863	127	848616	39.265	ng		98
34) Hexachlorobutadiene	11.040	225	419917	38.304	ng		99
35) Caprolactam	11.651	113	194613	39.360	ng	#	71
36) 4-Chloro-3-methylphenol	11.981	107	644665	39.462	ng		99
37) 2-Methylnaphthalene	12.357	142	1414858	38.625	ng		96
38) 1-Methylnaphthalene	12.581	142	1383053m	38.642	ng		
40) 1,2,4,5-Tetrachloroben...	12.728	216	764381	38.868	ng		99
41) Hexachlorocyclopentadiene	12.710	237	426206	39.104	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	529107	39.430	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	571347	39.539	ng		96
46) 1,1'-Biphenyl	13.369	154	1877149	39.299	ng		99
47) 2-Chloronaphthalene	13.410	162	1449250	39.167	ng		97
48) 2-Nitroaniline	13.610	65	374123	41.471	ng		98
49) Acenaphthylene	14.251	152	2260549	39.666	ng		99
50) Dimethylphthalate	13.993	163	1808855	39.164	ng		100
51) 2,6-Dinitrotoluene	14.104	165	378890	40.159	ng		96
52) Acenaphthene	14.592	154	1352518	39.171	ng		99
53) 3-Nitroaniline	14.434	138	413416	40.526	ng		98
54) 2,4-Dinitrophenol	14.640	184	222917	41.016	ng		94
55) Dibenzofuran	14.928	168	2258393	39.202	ng		96
56) 4-Nitrophenol	14.734	139	348770	42.113	ng	#	85
57) 2,4-Dinitrotoluene	14.892	165	504871	40.551	ng		94
58) Fluorene	15.575	166	1749933	39.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	500904m	39.476	ng		
60) Diethylphthalate	15.351	149	1771689	39.586	ng		99
61) 4-Chlorophenyl-phenyle...	15.569	204	918123	39.039	ng		94
62) 4-Nitroaniline	15.598	138	425574	41.482	ng	#	80
63) Azobenzene	15.863	77	1594863	41.123	ng		95
65) 4,6-Dinitro-2-methylph...	15.657	198	323442	40.621	ng		98
66) n-Nitrosodiphenylamine	15.787	169	1551460	39.298	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	560171	38.521	ng		96
68) Hexachlorobenzene	16.586	284	611742	38.063	ng		98
69) Atrazine	16.739	200	549161	39.462	ng		97
70) Pentachlorophenol	16.928	266	399069	39.983	ng		99
71) Phenanthrene	17.322	178	2767661	38.902	ng		99
72) Anthracene	17.410	178	2732548	39.263	ng		100
73) Carbazole	17.681	167	2698019	39.561	ng		99
74) Di-n-butylphthalate	18.239	149	2950602	39.040	ng		99
75) Fluoranthene	19.286	202	3233171	39.445	ng		97
77) Benzidine	19.463	184	1661287	41.261	ng		99
78) Pyrene	19.639	202	3334694	38.795	ng		99
80) Butylbenzylphthalate	20.510	149	1328755	38.600	ng		98
81) Benzo(a)anthracene	21.345	228	3309462	38.916	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1148826	39.336	ng		98
83) Chrysene	21.398	228	3143947	38.682	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	1959408	39.592	ng		98
85) Di-n-octyl phthalate	22.198	149	3281064	38.940	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	3777744	39.360	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	3148809	39.451	ng	#	98
89) Benzo(k)fluoranthene	23.086	252	3150715	38.989	ng	#	98
90) Benzo(a)pyrene	23.668	252	2651406	39.101	ng	#	97
91) Dibenzo(a,h)anthracene	26.321	278	3158777	39.271	ng	#	96
92) Benzo(g,h,i)perylene	27.080	276	3065284	39.051	ng	#	94

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

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