Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007378.D
Acq On : 08 Oct 2021 17:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/11/2021 2:12:00 PM

Quant Time: Oct 08 18:36:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:35:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	193468	20.00	ng		0.00
21) Naphthalene-d8	10.581	136	792878	20.00	ng		# 0.00
39) Acenaphthene-d10	14.428	164	538194	20.00	ng		0.00
64) Phenanthrene-d10	17.180	188	1109089	20.00	ng		# 0.00
76) Chrysene-d12	21.274	240	768782	20.00	ng		0.00
86) Perylene-d12	23.627	264	696788	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	862754	73.48	ng		0.00
7) Phenol-d6	6.963	99	1219436	77.36	ng		0.00
23) Nitrobenzene-d5	8.945	82	1074673	79.83	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	577054	65.37	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2816922	73.14	ng		0.00
79) Terphenyl-d14	19.745	244	3279446	75.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	156552	38.35	ng		89
3) Pyridine	3.640	79	481020	37.64	ng	#	87
4) n-Nitrosodimethylamine	3.552	42	177309	37.11	ng	#	83
6) Aniline	7.110	93	689098	39.41	ng		97
8) 2-Chlorophenol	7.346	128	486594	38.29	ng		98
9) Benzaldehyde	6.922	77	329106m	36.08	ng		
10) Phenol	6.993	94	586588	38.92	ng		90
11) bis(2-Chloroethyl)ether	7.210	93	462264	38.26	ng		95
12) 1,3-Dichlorobenzene	7.669	146	535940	37.40	ng		97
13) 1,4-Dichlorobenzene	7.816	146	549609	38.20	ng		97
14) 1,2-Dichlorobenzene	8.128	146	533933	38.32	ng		98
15) Benzyl Alcohol	8.034	79	408392	39.92	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.316	45	556780	40.05	ng		89
17) 2-Methylphenol	8.234	107	411763	39.57	ng		93
18) Hexachloroethane	8.851	117	189445	38.96	ng		96
19) n-Nitroso-di-n-propyla...	8.598	70	352920	39.48	ng		99
20) 3+4-Methylphenols	8.569	107	569961	39.08	ng		96
22) Acetophenone	8.610	105	747323	40.07	ng	#	99
24) Nitrobenzene	8.987	77	512031	40.31	ng		96
25) Isophorone	9.522	82	979676	38.56	ng		98
26) 2-Nitrophenol	9.698	139	284146	40.04	ng	#	89
27) 2,4-Dimethylphenol	9.769	122	418255	39.69	ng		96
28) bis(2-Chloroethoxy)met...	9.998	93	663942	38.91	ng		99
29) 2,4-Dichlorophenol	10.240	162	495888	39.13	ng		97
30) 1,2,4-Trichlorobenzene	10.445	180	540162	37.84	ng		98
31) Naphthalene	10.628	128	1537713	37.90	ng		100
32) Benzoic acid	9.963	122	367394	43.21	ng		97
33) 4-Chloroaniline	10.745	127	666091	39.67	ng		99
34) Hexachlorobutadiene	10.910	225	333945	39.21	ng		100
35) Caprolactam	11.569	113	166223	41.48	ng	#	74
36) 4-Chloro-3-methylphenol	11.887	107	518526	40.86	ng		98
37) 2-Methylnaphthalene	12.245	142	1110592	43.72	ng		96
38) 1-Methylnaphthalene	12.463	142	1083774	43.46	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	619780	35.45	ng		98
41) Hexachlorocyclopentadiene	12.592	237	214616	37.42	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	439386	36.72	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	468579	36.17	ng		96
46) 1,1'-Biphenyl	13.257	154	1495087	37.00	ng		99
47) 2-Chloronaphthalene	13.298	162	1159234	36.77	ng		98
48) 2-Nitroaniline	13.516	65	323326	39.61	ng		94
49) Acenaphthylene	14.145	152	1821260	37.43	ng		99
50) Dimethylphthalate	13.892	163	1509295	36.39	ng		99
51) 2,6-Dinitrotoluene	14.016	165	318501	36.89	ng		94
52) Acenaphthene	14.492	154	1087297	37.86	ng		99
53) 3-Nitroaniline	14.345	138	347505	39.24	ng		98
54) 2,4-Dinitrophenol	14.563	184	197459	40.81	ng		92
55) Dibenzofuran	14.828	168	1808075	36.27	ng		96
56) 4-Nitrophenol	14.669	139	270423	38.94	ng	#	86
57) 2,4-Dinitrotoluene	14.804	165	432422	36.61	ng		98
58) Fluorene	15.475	166	1419852	36.79	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	418232	35.32	ng		97
60) Diethylphthalate	15.257	149	1491646	36.19	ng		98
61) 4-Chlorophenyl-phenyle...	15.469	204	768178	35.73	ng		93
62) 4-Nitroaniline	15.510	138	358090	37.79	ng	#	83
63) Azobenzene	15.763	77	1314619	38.96	ng		95
65) 4,6-Dinitro-2-methylph...	15.575	198	290221	37.99	ng		97
66) n-Nitrosodiphenylamine	15.692	169	1281137	39.92	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	478896	33.46	ng		94
68) Hexachlorobenzene	16.486	284	519855	37.26	ng		96
69) Atrazine	16.651	200	460371	39.84	ng		98
70) Pentachlorophenol	16.833	266	311053	35.97	ng		99
71) Phenanthrene	17.222	178	2229937	38.07	ng		99
72) Anthracene	17.316	178	2222603	35.91	ng		99
73) Carbazole	17.586	167	2161288	35.84	ng		99
74) Di-n-butylphthalate	18.145	149	2528763	36.13	ng		99
75) Fluoranthene	19.192	202	1841854	24.38	ng		99
77) Benzidine	19.380	184	859532	38.52	ng		100
78) Pyrene	19.545	202	1863911	35.21	ng		99
80) Butylbenzylphthalate	20.421	149	756804	37.01	ng		92
81) Benzo(a)anthracene	21.257	228	1853445	37.32	ng		100
82) 3,3'-Dichlorobenzidine	21.192	252	677793	37.93	ng		97
83) Chrysene	21.310	228	1751027	37.46	ng		99
84) Bis(2-ethylhexyl)phtha...	21.186	149	1053551	37.01	ng	#	96
85) Di-n-octyl phthalate	22.092	149	1747591	36.01	ng		98
87) Indeno(1,2,3-cd)pyrene	26.092	276	1593911	33.42	ng		98
88) Benzo(b)fluoranthene	22.909	252	1669677	40.67	ng		99
89) Benzo(k)fluoranthene	22.957	252	1661376	40.68	ng		99
90) Benzo(a)pyrene	23.521	252	1344151	38.16	ng		99
91) Dibenzo(a,h)anthracene	26.103	278	1350253	33.82	ng		99
92) Benzo(g,h,i)perylene	26.845	276	1248306	33.42	ng		99

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

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