Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005252.D
Acq On : 09 Apr 2021 15:20
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
4/12/2021 2:43:25 PM

Quant Time: Apr 09 16:48:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 16:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	23202	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	74149	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	45570	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	94536	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	108409	20.00	ng	0.00
86) Perylene-d12	23.474	264	119439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	94297	62.54	ng	0.00
7) Phenol-d6	6.863	99	106246	49.20	ng	0.00
23) Nitrobenzene-d5	8.840	82	99558	57.61	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	23634	39.81	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	142477	42.29	ng	0.00
79) Terphenyl-d14	19.680	244	226766	38.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	27993	42.63	ng	# 86
3) Pyridine	3.622	79	62337	38.19	ng	98
4) n-Nitrosodimethylamine	3.528	42	19652	33.67	ng	# 61
6) Aniline	7.016	93	56068	22.91	ng	# 81
8) 2-Chlorophenol	7.252	128	33880	21.31	ng	# 74
9) Benzaldehyde	6.828	77	37258m	33.88	ng	
10) Phenol	6.887	94	52880	23.89	ng	71
11) bis(2-Chloroethyl)ether	7.110	93	39311	24.26	ng	85
12) 1,3-Dichlorobenzene	7.569	146	37134	21.02	ng	# 85
13) 1,4-Dichlorobenzene	7.716	146	36148	20.15	ng	# 89
14) 1,2-Dichlorobenzene	8.028	146	34613	20.12	ng	# 86
15) Benzyl Alcohol	7.928	79	36209	21.73	ng	# 76
16) 2,2'-oxybis(1-Chloropr...	8.216	45	22314	18.77	ng	72
17) 2-Methylphenol	8.134	107	29686	21.02	ng	# 83
18) Hexachloroethane	8.746	117	15336	22.44	ng	# 85
19) n-Nitroso-di-n-propyla...	8.487	70	31897	22.77	ng	# 85
20) 3+4-Methylphenols	8.457	107	38069	19.74	ng	85
22) Acetophenone	8.505	105	55081	25.84	ng	# 87
24) Nitrobenzene	8.881	77	52496	28.82	ng	# 64
25) Isophorone	9.404	82	82314	25.81	ng	# 82
26) 2-Nitrophenol	9.593	139	14298	20.24	ng	# 33
27) 2,4-Dimethylphenol	9.657	122	23172	20.40	ng	# 71
28) bis(2-Chloroethoxy)met...	9.893	93	39104	24.22	ng	# 96
29) 2,4-Dichlorophenol	10.128	162	25530	20.09	ng	89
30) 1,2,4-Trichlorobenzene	10.334	180	29973	21.00	ng	99
31) Naphthalene	10.522	128	86543	20.66	ng	97
32) Benzoic acid	9.787	122	13807	16.37	ng	# 56
33) 4-Chloroaniline	10.640	127	31771	18.75	ng	# 73
34) Hexachlorobutadiene	10.799	225	20973	22.83	ng	92
35) Caprolactam	11.434	113	8126	19.48	ng	# 69
36) 4-Chloro-3-methylphenol	11.775	107	32589	21.23	ng	# 71
37) 2-Methylnaphthalene	12.140	142	58487	19.34	ng	# 90
38) 1-Methylnaphthalene	12.363	142	53780	18.97	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.516	216	33110	22.31	ng	# 96
41) Hexachlorocyclopentadiene	12.487	237	13503	16.73	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	19705	19.21	ng	88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	21606	19.45	ng	#	87
46) 1,1'-Biphenyl	13.169	154	73951	21.28	ng		95
47) 2-Chloronaphthalene	13.210	162	56785	20.07	ng		93
48) 2-Nitroaniline	13.422	65	20917	23.20	ng	#	37
49) Acenaphthylene	14.063	152	88671	20.15	ng		99
50) Dimethylphthalate	13.804	163	69749	19.87	ng		99
51) 2,6-Dinitrotoluene	13.928	165	15742	19.03	ng	#	14
52) Acenaphthene	14.404	154	53018	19.58	ng		96
53) 3-Nitroaniline	14.257	138	13562	17.81	ng	#	23
54) 2,4-Dinitrophenol	14.475	184	7168	14.31	ng	#	47
55) Dibenzofuran	14.745	168	90445	20.38	ng		93
56) 4-Nitrophenol	14.587	139	10262	16.43	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	20865	19.10	ng	#	10
58) Fluorene	15.398	166	72453	20.22	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	19443	18.97	ng	#	97
60) Diethylphthalate	15.175	149	70605	20.57	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	37578	19.76	ng		93
62) 4-Nitroaniline	15.428	138	14114	18.04	ng	#	21
63) Azobenzene	15.686	77	108585	27.67	ng	#	77
65) 4,6-Dinitro-2-methylph...	15.492	198	12285	17.81	ng	#	65
66) n-Nitrosodiphenylamine	15.610	169	59595	19.61	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	23175	21.16	ng	#	91
68) Hexachlorobenzene	16.404	284	24123	19.58	ng	#	90
69) Atrazine	16.575	200	21105	20.91	ng		98
70) Pentachlorophenol	16.757	266	13343	16.41	ng		95
71) Phenanthrene	17.145	178	113745	20.75	ng		98
72) Anthracene	17.239	178	107472	20.07	ng		99
73) Carbazole	17.516	167	103650	20.60	ng		97
74) Di-n-butylphthalate	18.075	149	113185	20.45	ng	#	96
75) Fluoranthene	19.127	202	137625	21.34	ng		97
77) Benzidine	19.316	184	36632	15.40	ng		98
78) Pyrene	19.480	202	140835	18.91	ng		99
80) Butylbenzylphthalate	20.357	149	51119	18.49	ng	#	53
81) Benzo(a)anthracene	21.186	228	151515	20.57	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	44293	17.89	ng		99
83) Chrysene	21.239	228	147390	20.39	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	80219	19.79	ng		99
85) Di-n-octyl phthalate	21.998	149	147674	21.61	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.804	276	192445	21.49	ng	#	95
88) Benzo(b)fluoranthene	22.786	252	160403m	18.91	ng		
89) Benzo(k)fluoranthene	22.833	252	153864	18.93	ng		98
90) Benzo(a)pyrene	23.374	252	151464	19.92	ng		98
91) Dibenzo(a,h)anthracene	25.809	278	166551	21.51	ng		97
92) Benzo(g,h,i)perylene	26.515	276	164280	21.98	ng	#	93

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

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