Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005254.D
Acq On : 09 Apr 2021 16:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 09 17:19:18 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	25558	20.00	ng		# 0.00
21) Naphthalene-d8	10.469	136	80620	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	49482	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	106239	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	124473	20.00	ng		0.00
86) Perylene-d12	23.474	264	139208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	235837	142.00	ng		0.00
7) Phenol-d6	6.864	99	270601	113.75	ng		0.00
23) Nitrobenzene-d5	8.840	82	250689	133.42	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	61277	95.05	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	358173	97.92	ng		0.00
79) Terphenyl-d14	19.680	244	618622	90.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	68851	95.20	ng		98
3) Pyridine	3.611	79	146085	81.24	ng		95
4) n-Nitrosodimethylamine	3.523	42	46876	72.91	ng	#	89
6) Aniline	7.016	93	143331	53.17	ng	#	82
8) 2-Chlorophenol	7.246	128	83471	47.65	ng	#	67
9) Benzaldehyde	6.828	77	77875	64.28	ng	#	66
10) Phenol	6.893	94	134154	55.03	ng		73
11) bis(2-Chloroethyl)ether	7.116	93	98303	55.07	ng		89
12) 1,3-Dichlorobenzene	7.569	146	90272	46.39	ng	#	85
13) 1,4-Dichlorobenzene	7.716	146	88926	45.01	ng	#	90
14) 1,2-Dichlorobenzene	8.028	146	83063	43.82	ng	#	84
15) Benzyl Alcohol	7.928	79	94039	51.24	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.211	45	54983	42.00	ng		69
17) 2-Methylphenol	8.134	107	74742	48.04	ng	#	84
18) Hexachloroethane	8.746	117	38457	51.08	ng	#	84
19) n-Nitroso-di-n-propyla...	8.493	70	82040	53.16	ng	#	84
20) 3+4-Methylphenols	8.463	107	97193	45.75	ng		85
22) Acetophenone	8.505	105	137780	59.45	ng	#	89
24) Nitrobenzene	8.881	77	129890	65.60	ng	#	65
25) Isophorone	9.410	82	209171	60.32	ng	#	81
26) 2-Nitrophenol	9.593	139	35893	46.74	ng	#	27
27) 2,4-Dimethylphenol	9.658	122	58440	47.32	ng	#	73
28) bis(2-Chloroethoxy)met...	9.893	93	98079	55.88	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	66085	47.82	ng		89
30) 1,2,4-Trichlorobenzene	10.334	180	72639	46.80	ng		98
31) Naphthalene	10.522	128	215352	47.29	ng		99
32) Benzoic acid	9.828	122	39604	43.20	ng	#	60
33) 4-Chloroaniline	10.640	127	83064	45.08	ng	#	77
34) Hexachlorobutadiene	10.799	225	50032	50.09	ng		97
35) Caprolactam	11.440	113	22050	48.63	ng	#	67
36) 4-Chloro-3-methylphenol	11.781	107	84722	50.75	ng	#	74
37) 2-Methylnaphthalene	12.140	142	145632	44.29	ng	#	89
38) 1-Methylnaphthalene	12.363	142	137056	44.46	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	80922	50.22	ng	#	97
41) Hexachlorocyclopentadiene	12.487	237	39331	44.87	ng		95
43) 2,4,6-Trichlorophenol	12.763	196	50935	45.73	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	55091	45.67	ng	#	84
46) 1,1'-Biphenyl	13.169	154	182806	48.44	ng		93
47) 2-Chloronaphthalene	13.210	162	144513	47.04	ng		94
48) 2-Nitroaniline	13.428	65	60092	61.39	ng	#	43
49) Acenaphthylene	14.063	152	221621	46.39	ng		99
50) Dimethylphthalate	13.804	163	176731	46.37	ng		99
51) 2,6-Dinitrotoluene	13.928	165	41726	46.45	ng	#	13
52) Acenaphthene	14.404	154	135711	46.16	ng		99
53) 3-Nitroaniline	14.263	138	38175	46.18	ng	#	29
54) 2,4-Dinitrophenol	14.481	184	22409	41.20	ng	#	61
55) Dibenzofuran	14.745	168	225854	46.87	ng		93
56) 4-Nitrophenol	14.587	139	30860	45.50	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	57494	48.47	ng	#	13
58) Fluorene	15.398	166	180704	46.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	50296	45.20	ng	#	95
60) Diethylphthalate	15.175	149	180714	48.48	ng		97
61) 4-Chlorophenyl-phenyle...	15.393	204	94991	46.00	ng		94
62) 4-Nitroaniline	15.434	138	39353	46.33	ng	#	23
63) Azobenzene	15.687	77	286165	67.16	ng	#	77
65) 4,6-Dinitro-2-methylph...	15.492	198	35068	45.23	ng	#	65
66) n-Nitrosodiphenylamine	15.616	169	155472	45.52	ng		97
67) 4-Bromophenyl-phenylether	16.292	248	57356	46.60	ng	#	87
68) Hexachlorobenzene	16.404	284	61756	44.61	ng	#	86
69) Atrazine	16.575	200	55880	49.27	ng		98
70) Pentachlorophenol	16.757	266	39381	43.09	ng		99
71) Phenanthrene	17.145	178	288191	46.79	ng		99
72) Anthracene	17.239	178	282683	46.97	ng		99
73) Carbazole	17.516	167	270679	47.88	ng		98
74) Di-n-butylphthalate	18.075	149	309175	49.70	ng	#	96
75) Fluoranthene	19.128	202	356203	49.16	ng		98
77) Benzidine	19.316	184	120829	44.24	ng		99
78) Pyrene	19.481	202	373199	43.63	ng		98
80) Butylbenzylphthalate	20.357	149	146030	46.01	ng	#	58
81) Benzo(a)anthracene	21.192	228	403610	47.73	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	124899	43.95	ng		99
83) Chrysene	21.245	228	396068	47.72	ng		98
84) Bis(2-ethylhexyl)phtha...	21.116	149	232400	49.94	ng		98
85) Di-n-octyl phthalate	21.998	149	419261	53.44	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.810	276	515564	49.40	ng	#	95
88) Benzo(b)fluoranthene	22.792	252	430609	43.56	ng		97
89) Benzo(k)fluoranthene	22.839	252	430577m	45.45	ng		
90) Benzo(a)pyrene	23.380	252	404018	45.58	ng		97
91) Dibenzo(a,h)anthracene	25.827	278	447753	49.61	ng	#	95
92) Benzo(g,h,i)perylene	26.527	276	434210	49.85	ng	#	93

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

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