Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
Data File : BP004709.D
Acq On : 11 Feb 2021 09:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 11 11:23:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 18:04:48 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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2/12/2021 11:24:43 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	50510	20.00	ng	# 0.00
21) Naphthalene-d8	10.563	136	198572	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	128404	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	279913	20.00	ng	# 0.00
76) Chrysene-d12	21.257	240	297251	20.00	ng	# 0.00
86) Perylene-d12	23.563	264	287450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	240573	73.54	ng	0.00
7) Phenol-d6	6.940	99	345068	76.70	ng	0.00
23) Nitrobenzene-d5	8.928	82	337425	74.04	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	131650	77.17	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	768996	73.20	ng	0.00
79) Terphenyl-d14	19.733	244	1308992	73.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	52163	37.26	ng	# 91
3) Pyridine	3.681	79	136965	38.64	ng	97
4) n-Nitrosodimethylamine	3.593	42	57000	38.64	ng	# 59
6) Aniline	7.105	93	191002	38.06	ng	# 88
8) 2-Chlorophenol	7.334	128	128139	37.49	ng	83
9) Benzaldehyde	6.916	77	88278	46.72	ng	# 78
10) Phenol	6.963	94	162869	37.40	ng	71
11) bis(2-Chloroethyl)ether	7.199	93	123618	37.12	ng	94
12) 1,3-Dichlorobenzene	7.663	146	152496	36.67	ng	# 91
13) 1,4-Dichlorobenzene	7.805	146	156511	37.04	ng	# 93
14) 1,2-Dichlorobenzene	8.122	146	149011	36.78	ng	# 92
15) Benzyl Alcohol	8.010	79	131101	38.81	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.305	45	105386	39.12	ng	96
17) 2-Methylphenol	8.210	107	114070	38.76	ng	# 88
18) Hexachloroethane	8.852	117	59462	37.56	ng	96
19) n-Nitroso-di-n-propyla...	8.581	70	104208	38.33	ng	# 90
20) 3+4-Methylphenols	8.540	107	154558	39.57	ng	91
22) Acetophenone	8.593	105	210107	36.40	ng	# 91
24) Nitrobenzene	8.969	77	164612	36.54	ng	# 81
25) Isophorone	9.493	82	267896	36.78	ng	# 90
26) 2-Nitrophenol	9.675	139	68473	38.37	ng	# 67
27) 2,4-Dimethylphenol	9.740	122	103081	37.14	ng	# 85
28) bis(2-Chloroethoxy)met...	9.981	93	170735	36.38	ng	97
29) 2,4-Dichlorophenol	10.210	162	124104	37.01	ng	93
30) 1,2,4-Trichlorobenzene	10.428	180	150863	36.42	ng	99
31) Naphthalene	10.616	128	417713	36.04	ng	99
32) Benzoic acid	9.869	122	83890	37.45	ng	# 67
33) 4-Chloroaniline	10.722	127	179079	37.66	ng	# 87
34) Hexachlorobutadiene	10.904	225	103074	37.04	ng	96
35) Caprolactam	11.499	113	41841	39.49	ng	# 79
36) 4-Chloro-3-methylphenol	11.851	107	149185	37.47	ng	# 83
37) 2-Methylnaphthalene	12.234	142	300997	36.51	ng	# 95
38) 1-Methylnaphthalene	12.451	142	286719	36.74	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.598	216	168873	36.60	ng	# 97
41) Hexachlorocyclopentadiene	12.581	237	97056	36.99	ng	99
43) 2,4,6-Trichlorophenol	12.840	196	110951	38.18	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	114070	37.35	ng	#	92
46) 1,1'-Biphenyl	13.251	154	391772	36.45	ng		98
47) 2-Chloronaphthalene	13.287	162	322334	36.58	ng		94
48) 2-Nitroaniline	13.493	65	101213	38.92	ng	#	61
49) Acenaphthylene	14.140	152	480417	36.91	ng		99
50) Dimethylphthalate	13.881	163	416404	36.87	ng		99
51) 2,6-Dinitrotoluene	13.993	165	85432	37.54	ng	#	51
52) Acenaphthene	14.481	154	302847	36.70	ng		98
53) 3-Nitroaniline	14.322	138	91281	38.56	ng	#	67
54) 2,4-Dinitrophenol	14.528	184	50147	38.25	ng	#	76
55) Dibenzofuran	14.816	168	474478	36.56	ng		93
56) 4-Nitrophenol	14.628	139	70494	37.96	ng	#	45
57) 2,4-Dinitrotoluene	14.781	165	120151	38.53	ng	#	63
58) Fluorene	15.469	166	394743	37.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	105836	36.42	ng	#	96
60) Diethylphthalate	15.251	149	418676	36.98	ng		100
61) 4-Chlorophenyl-phenyle...	15.469	204	215975	36.49	ng		96
62) 4-Nitroaniline	15.492	138	101047	39.08	ng	#	58
63) Azobenzene	15.757	77	399980	37.62	ng		82
65) 4,6-Dinitro-2-methylph...	15.545	198	67388	39.40	ng		85
66) n-Nitrosodiphenylamine	15.681	169	339025	37.25	ng		99
67) 4-Bromophenyl-phenylether	16.363	248	132902	36.88	ng	#	91
68) Hexachlorobenzene	16.475	284	144915	36.91	ng		91
69) Atrazine	16.639	200	115000	38.51	ng		98
70) Pentachlorophenol	16.816	266	85387	38.86	ng		98
71) Phenanthrene	17.216	178	627437	36.61	ng		99
72) Anthracene	17.304	178	609112	36.96	ng		99
73) Carbazole	17.575	167	562970	37.23	ng		99
74) Di-n-butylphthalate	18.139	149	705654	38.03	ng	#	98
75) Fluoranthene	19.186	202	759493	37.20	ng		98
77) Benzidine	19.363	184	268590	46.74	ng		98
78) Pyrene	19.533	202	772009	36.83	ng		99
80) Butylbenzylphthalate	20.410	149	309939	37.62	ng	#	76
81) Benzo(a)anthracene	21.239	228	776874	36.85	ng		99
82) 3,3'-Dichlorobenzidine	21.174	252	256251	38.35	ng		98
83) Chrysene	21.292	228	748915	36.68	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	463192	37.25	ng		99
85) Di-n-octyl phthalate	22.063	149	753462	37.36	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.933	276	862363	37.57	ng		96
88) Benzo(b)fluoranthene	22.863	252	791835	37.61	ng		99
89) Benzo(k)fluoranthene	22.910	252	743050m	36.77	ng		
90) Benzo(a)pyrene	23.457	252	714071	37.53	ng		97
91) Dibenzo(a,h)anthracene	25.945	278	720811	37.65	ng		97
92) Benzo(g,h,i)perylene	26.651	276	683222	37.19	ng	#	95

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

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