Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
Data File : BP005502.D
Acq On : 12 May 2021 13:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/13/2021 2:51:53 PM

Quant Time: May 12 14:30:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	11716	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	33463	20.00	ng	#	0.00
39) Acenaphthene-d10	14.345	164	25161	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	66497	20.00	ng	#	0.00
76) Chrysene-d12	21.204	240	98122	20.00	ng	#	0.01
86) Perylene-d12	23.516	264	118232	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	56600	92.71	ng		0.00
7) Phenol-d6	6.887	99	60133	78.99	ng		0.00
23) Nitrobenzene-d5	8.863	82	70656	83.11	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	52805	73.96	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	171342	76.82	ng		0.00
79) Terphenyl-d14	19.675	244	434874	75.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	19625	87.56	ng		96
3) Pyridine	3.587	79	44807	82.89	ng	#	86
4) n-Nitrosodimethylamine	3.499	42	25451	58.55	ng	#	16
6) Aniline	7.028	93	31501	38.34	ng	#	82
8) 2-Chlorophenol	7.263	128	24685	37.65	ng		92
9) Benzaldehyde	6.846	77	17089	44.41	ng	#	73
10) Phenol	6.916	94	29122	38.25	ng	#	49
11) bis(2-Chloroethyl)ether	7.128	93	20736	39.43	ng		97
12) 1,3-Dichlorobenzene	7.581	146	30517	34.98	ng	#	85
13) 1,4-Dichlorobenzene	7.728	146	31054	35.71	ng		97
14) 1,2-Dichlorobenzene	8.040	146	29992	35.99	ng		94
15) Benzyl Alcohol	7.952	79	26537	36.14	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.222	45	9437	36.35	ng		74
17) 2-Methylphenol	8.158	107	18393	35.17	ng	#	80
18) Hexachloroethane	8.758	117	13226	36.72	ng		88
19) n-Nitroso-di-n-propyla...	8.511	70	20483	36.74	ng		95
20) 3+4-Methylphenols	8.493	107	24710	35.55	ng	#	82
22) Acetophenone	8.528	105	37571	39.80	ng	#	91
24) Nitrobenzene	8.905	77	35279	41.37	ng		93
25) Isophorone	9.428	82	51605	39.20	ng	#	95
26) 2-Nitrophenol	9.610	139	13569	38.00	ng	#	75
27) 2,4-Dimethylphenol	9.687	122	18024	38.13	ng	#	83
28) bis(2-Chloroethoxy)met...	9.910	93	20806	37.75	ng		99
29) 2,4-Dichlorophenol	10.157	162	26572	35.80	ng		96
30) 1,2,4-Trichlorobenzene	10.352	180	35263	37.19	ng		99
31) Naphthalene	10.534	128	65960	36.66	ng		98
32) Benzoic acid	9.881	122	11684	32.00	ng	#	74
33) 4-Chloroaniline	10.669	127	25862	36.90	ng		96
34) Hexachlorobutadiene	10.810	225	31492	39.82	ng		95
35) Caprolactam	11.475	113	5525	32.35	ng		91
36) 4-Chloro-3-methylphenol	11.810	107	23447	35.43	ng		96
37) 2-Methylnaphthalene	12.157	142	50248	34.81	ng		96
38) 1-Methylnaphthalene	12.375	142	49158	36.08	ng		95
40) 1,2,4,5-Tetrachloroben...	12.528	216	44314	38.33	ng		96
41) Hexachlorocyclopentadiene	12.499	237	14667	35.08	ng		93
43) 2,4,6-Trichlorophenol	12.781	196	28359	39.26	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	29145	37.39	ng		95
46) 1,1'-Biphenyl	13.175	154	72067	37.20	ng		99
47) 2-Chloronaphthalene	13.216	162	60383	37.43	ng		99
48) 2-Nitroaniline	13.440	65	18615	40.63	ng		84
49) Acenaphthylene	14.063	152	89512	38.52	ng		97
50) Dimethylphthalate	13.816	163	80845	37.22	ng		100
51) 2,6-Dinitrotoluene	13.940	165	18096	37.10	ng		94
52) Acenaphthene	14.410	154	53627	37.09	ng		94
53) 3-Nitroaniline	14.275	138	12650	36.20	ng		99
54) 2,4-Dinitrophenol	14.498	184	10889	37.01	ng	#	67
55) Dibenzofuran	14.745	168	100884	37.10	ng		95
56) 4-Nitrophenol	14.622	139	8482m	32.16	ng		
57) 2,4-Dinitrotoluene	14.740	165	26878	37.38	ng	#	86
58) Fluorene	15.398	166	84972	38.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.987	232	29586	37.96	ng		96
60) Diethylphthalate	15.181	149	79808	37.93	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	54887	39.50	ng		97
62) 4-Nitroaniline	15.445	138	11050	32.91	ng	#	77
63) Azobenzene	15.687	77	93257	43.01	ng		88
65) 4,6-Dinitro-2-methylph...	15.504	198	20181	38.30	ng		94
66) n-Nitrosodiphenylamine	15.616	169	73027	37.63	ng		94
67) 4-Bromophenyl-phenylether	16.292	248	40084	38.62	ng		100
68) Hexachlorobenzene	16.404	284	49173	37.35	ng		99
69) Atrazine	16.581	200	34842	38.43	ng		95
70) Pentachlorophenol	16.763	266	22875	32.75	ng		91
71) Phenanthrene	17.145	178	138546	36.67	ng		97
72) Anthracene	17.234	178	140973	37.59	ng		98
73) Carbazole	17.516	167	118993	36.03	ng		98
74) Di-n-butylphthalate	18.069	149	133638	36.87	ng	#	96
75) Fluoranthene	19.122	202	193410	37.21	ng		97
77) Benzidine	19.316	184	62850	41.38	ng		97
78) Pyrene	19.475	202	205569	37.00	ng		99
80) Butylbenzylphthalate	20.351	149	66822	37.23	ng		88
81) Benzo(a)anthracene	21.186	228	239328	37.64	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	90509	37.78	ng		95
83) Chrysene	21.239	228	237139	38.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.110	149	102969	37.52	ng	#	99
85) Di-n-octyl phthalate	22.004	149	181847	39.45	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.927	276	382001	38.40	ng	#	97
88) Benzo(b)fluoranthene	22.810	252	292077	37.07	ng	#	99
89) Benzo(k)fluoranthene	22.857	252	278313	36.13	ng	#	98
90) Benzo(a)pyrene	23.410	252	268417	37.17	ng	#	98
91) Dibenzo(a,h)anthracene	25.933	278	336192	38.30	ng	#	98
92) Benzo(g,h,i)perylene	26.662	276	310727	38.26	ng	#	93

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

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