Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050721\
Data File : BP005456.D
Acq On : 07 May 2021 15:24
Operator : CG/JU
Sample : PB136199BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 16:08:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136199BS

Manual Integrations APPROVED
mohammad
5/10/2021 3:26:33 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	12161	20.00	ng		0.00
21) Naphthalene-d8	10.504	136	39772	20.00	ng	#	0.00
39) Acenaphthene-d10	14.351	164	33529	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	82737	20.00	ng	#	0.00
76) Chrysene-d12	21.210	240	111715	20.00	ng	#	0.00
86) Perylene-d12	23.527	264	121363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	79337	125.20	ng		0.00
7) Phenol-d6	6.905	99	87244	110.41	ng		0.00
23) Nitrobenzene-d5	8.875	82	65220	64.54	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	90103	94.70	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	181489	61.06	ng		0.00
79) Terphenyl-d14	19.680	244	412736	62.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	13238	55.22	ng	#	94
3) Pyridine	3.593	79	31835	56.74	ng	#	80
4) n-Nitrosodimethylamine	3.511	42	22911	50.78	ng	#	9
6) Aniline	7.046	93	24042	28.19	ng	#	86
8) 2-Chlorophenol	7.275	128	29595	43.48	ng		92
9) Benzaldehyde	6.852	77	16937	42.22	ng	#	67
10) Phenol	6.928	94	33733	42.68	ng	#	47
11) bis(2-Chloroethyl)ether	7.146	93	23210	42.52	ng		95
12) 1,3-Dichlorobenzene	7.593	146	38975	43.04	ng	#	88
13) 1,4-Dichlorobenzene	7.740	146	38833	43.03	ng		96
14) 1,2-Dichlorobenzene	8.057	146	36778	42.52	ng		93
15) Benzyl Alcohol	7.963	79	32812	43.05	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.234	45	11043	40.98	ng		71
17) 2-Methylphenol	8.169	107	23461	43.22	ng	#	76
18) Hexachloroethane	8.775	117	15663	41.90	ng	#	85
19) n-Nitroso-di-n-propyla...	8.528	70	23322	40.31	ng		92
20) 3+4-Methylphenols	8.504	107	31398	43.52	ng		79
22) Acetophenone	8.540	105	45122	40.22	ng	#	85
24) Nitrobenzene	8.916	77	40446	39.90	ng		91
25) Isophorone	9.440	82	59764	38.19	ng	#	97
26) 2-Nitrophenol	9.628	139	16996	40.04	ng	#	87
27) 2,4-Dimethylphenol	9.699	122	25369	45.16	ng	#	80
28) bis(2-Chloroethoxy)met...	9.928	93	28490	43.49	ng		95
29) 2,4-Dichlorophenol	10.169	162	35579	40.33	ng		97
30) 1,2,4-Trichlorobenzene	10.369	180	46353	41.13	ng		94
31) Naphthalene	10.551	128	86754	40.56	ng		99
32) Benzoic acid	9.881	122	17525	40.38	ng	#	75
33) 4-Chloroaniline	10.681	127	7038	8.45	ng	#	89
34) Hexachlorobutadiene	10.828	225	39452	41.98	ng		98
35) Caprolactam	11.487	113	8077m	39.79	ng		
36) 4-Chloro-3-methylphenol	11.822	107	30979	39.39	ng		98
37) 2-Methylnaphthalene	12.169	142	68530	39.95	ng		95
38) 1-Methylnaphthalene	12.387	142	63685	39.32	ng		98
40) 1,2,4,5-Tetrachloroben...	12.540	216	60538	39.30	ng		96
41) Hexachlorocyclopentadiene	12.510	237	74505	111.59	ng		99
43) 2,4,6-Trichlorophenol	12.792	196	36695	38.13	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	40017	38.53	ng		91
46) 1,1'-Biphenyl	13.187	154	100528	38.94	ng		96
47) 2-Chloronaphthalene	13.228	162	82223	38.25	ng		98
48) 2-Nitroaniline	13.451	65	24544	40.20	ng		87
49) Acenaphthylene	14.075	152	125699	40.59	ng		100
50) Dimethylphthalate	13.828	163	106015	36.63	ng		99
51) 2,6-Dinitrotoluene	13.951	165	22398	34.46	ng		88
52) Acenaphthene	14.422	154	76144	39.52	ng		94
53) 3-Nitroaniline	14.287	138	8813	18.92	ng		92
54) 2,4-Dinitrophenol	14.504	184	32947	84.04	ng	#	85
55) Dibenzofuran	14.757	168	134748	37.18	ng		98
56) 4-Nitrophenol	14.616	139	26467	75.30	ng	#	74
57) 2,4-Dinitrotoluene	14.745	165	34322	35.82	ng		89
58) Fluorene	15.410	166	110360	37.30	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	39857m	38.38	ng		
60) Diethylphthalate	15.192	149	106318	37.92	ng		96
61) 4-Chlorophenyl-phenyle...	15.404	204	70951	38.32	ng		99
62) 4-Nitroaniline	15.451	138	15091	33.73	ng	#	71
63) Azobenzene	15.698	77	109880	38.03	ng		86
65) 4,6-Dinitro-2-methylph...	15.510	198	22799	34.77	ng		96
66) n-Nitrosodiphenylamine	15.628	169	94481	39.13	ng		97
67) 4-Bromophenyl-phenylether	16.298	248	52611	40.74	ng		97
68) Hexachlorobenzene	16.410	284	65355	39.90	ng		99
69) Atrazine	16.586	200	43977	38.99	ng		99
70) Pentachlorophenol	16.769	266	72137	83.01	ng		95
71) Phenanthrene	17.151	178	184074	39.15	ng		99
72) Anthracene	17.245	178	188262	40.35	ng		98
73) Carbazole	17.528	167	148576	36.16	ng		100
74) Di-n-butylphthalate	18.080	149	179777	39.86	ng	#	93
75) Fluoranthene	19.127	202	248274	38.39	ng		97
77) Benzidine	19.322	184	83265	48.15	ng		97
78) Pyrene	19.480	202	252105	39.86	ng		99
80) Butylbenzylphthalate	20.363	149	84012	41.11	ng		95
81) Benzo(a)anthracene	21.192	228	280459	38.74	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	80162	29.39	ng		98
83) Chrysene	21.245	228	266560	37.99	ng		97
84) Bis(2-ethylhexyl)phtha...	21.121	149	124602	39.88	ng	#	95
85) Di-n-octyl phthalate	22.016	149	212815	40.55	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.939	276	410436	40.20	ng	#	97
88) Benzo(b)fluoranthene	22.821	252	320159	39.59	ng	#	97
89) Benzo(k)fluoranthene	22.868	252	290549	36.74	ng	#	99
90) Benzo(a)pyrene	23.421	252	275089	37.11	ng	#	98
91) Dibenzo(a,h)anthracene	25.945	278	358619	39.81	ng	#	99
92) Benzo(g,h,i)perylene	26.668	276	341517	40.97	ng	#	94

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

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