Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
Data File : BP005583.D
Acq On : 17 May 2021 16:32
Operator : CG/JU
Sample : PB136455BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 17 18:11:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136455BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	10883	20.00	ng		0.00
21) Naphthalene-d8	10.452	136	35779	20.00	ng	#	0.00
39) Acenaphthene-d10	14.316	164	29684	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	74901	20.00	ng	#	0.00
76) Chrysene-d12	21.180	240	110278	20.00	ng	#	0.00
86) Perylene-d12	23.468	264	110252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.258	112	68111	120.11	ng		0.00
7) Phenol-d6	6.864	99	76616	108.35	ng		0.00
23) Nitrobenzene-d5	8.834	82	68459	75.31	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	90192	107.07	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	189317	71.94	ng		0.00
79) Terphenyl-d14	19.651	244	497173	76.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	9591	43.79	ng	#	89
3) Pyridine	3.558	79	18141	36.13	ng	#	75
4) n-Nitrosodimethylamine	3.470	42	16117	39.91	ng	#	5
6) Aniline	6.999	93	24450	32.04	ng	#	78
8) 2-Chlorophenol	7.234	128	23614	38.77	ng		92
9) Benzaldehyde	6.822	77	4567m	9.89	ng		
10) Phenol	6.893	94	27690	39.15	ng	#	53
11) bis(2-Chloroethyl)ether	7.099	93	17568	35.96	ng		99
12) 1,3-Dichlorobenzene	7.546	146	29900	36.90	ng	#	83
13) 1,4-Dichlorobenzene	7.699	146	30293	37.51	ng		96
14) 1,2-Dichlorobenzene	8.011	146	29061	37.54	ng		99
15) Benzyl Alcohol	7.928	79	27467	40.27	ng	#	71
16) 2,2'-oxybis(1-Chloropr...	8.205	45	9203	38.16	ng	#	62
17) 2-Methylphenol	8.134	107	19903	40.97	ng	#	77
18) Hexachloroethane	8.722	117	13014	38.90	ng		89
19) n-Nitroso-di-n-propyla...	8.481	70	20344	39.29	ng	#	87
20) 3+4-Methylphenols	8.469	107	26259	40.67	ng	#	85
22) Acetophenone	8.499	105	37374	37.03	ng	#	79
24) Nitrobenzene	8.875	77	33708	36.96	ng	#	93
25) Isophorone	9.399	82	52447	37.26	ng	#	97
26) 2-Nitrophenol	9.587	139	13609	35.64	ng	#	82
27) 2,4-Dimethylphenol	9.657	122	20422	40.41	ng	#	70
28) bis(2-Chloroethoxy)met...	9.881	93	25273	42.89	ng		97
29) 2,4-Dichlorophenol	10.134	162	30007	37.81	ng		93
30) 1,2,4-Trichlorobenzene	10.322	180	37309	36.80	ng		96
31) Naphthalene	10.504	128	70980	36.89	ng		98
32) Benzoic acid	9.863	122	13942	35.71	ng	#	63
33) 4-Chloroaniline	10.640	127	18581	24.80	ng	#	93
34) Hexachlorobutadiene	10.775	225	33226	39.30	ng		95
35) Caprolactam	11.451	113	7033m	38.51	ng		
36) 4-Chloro-3-methylphenol	11.787	107	27822	39.32	ng		92
37) 2-Methylnaphthalene	12.122	142	57269	37.11	ng		95
38) 1-Methylnaphthalene	12.346	142	53278	36.57	ng		94
40) 1,2,4,5-Tetrachloroben...	12.498	216	51632	37.86	ng		95
41) Hexachlorocyclopentadiene	12.463	237	40123	70.96	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	32348	37.96	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	34750	37.79	ng		92
46) 1,1'-Biphenyl	13.146	154	86235	37.73	ng		94
47) 2-Chloronaphthalene	13.187	162	68870	36.19	ng		98
48) 2-Nitroaniline	13.416	65	22280	41.22	ng		95
49) Acenaphthylene	14.034	152	109715	40.02	ng		100
50) Dimethylphthalate	13.787	163	98521	38.45	ng		99
51) 2,6-Dinitrotoluene	13.916	165	21086	36.65	ng		92
52) Acenaphthene	14.381	154	65511	38.41	ng		93
53) 3-Nitroaniline	14.251	138	10975	26.62	ng	#	99
54) 2,4-Dinitrophenol	14.475	184	29687	85.53	ng	#	72
55) Dibenzofuran	14.716	168	119594	37.27	ng		99
56) 4-Nitrophenol	14.592	139	22117	71.07	ng	#	75
57) 2,4-Dinitrotoluene	14.716	165	32760	38.62	ng	#	85
58) Fluorene	15.369	166	99924	38.14	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	37700m	41.00	ng		
60) Diethylphthalate	15.151	149	99015	39.89	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	65352	39.87	ng		98
62) 4-Nitroaniline	15.422	138	13540	34.19	ng	#	82
63) Azobenzene	15.657	77	104984	41.04	ng		88
65) 4,6-Dinitro-2-methylph...	15.487	198	20938	35.27	ng		95
66) n-Nitrosodiphenylamine	15.587	169	86292	39.47	ng	#	94
67) 4-Bromophenyl-phenylether	16.263	248	47370	40.52	ng		97
68) Hexachlorobenzene	16.375	284	57203	38.58	ng		96
69) Atrazine	16.551	200	45301	44.36	ng		97
70) Pentachlorophenol	16.734	266	60514	76.92	ng		96
71) Phenanthrene	17.116	178	167789	39.42	ng		99
72) Anthracene	17.204	178	172511	40.84	ng		99
73) Carbazole	17.492	167	140721	37.83	ng		98
74) Di-n-butylphthalate	18.039	149	169392	41.49	ng		96
75) Fluoranthene	19.098	202	239359	40.89	ng		98
77) Benzidine	19.292	184	85741	50.23	ng		98
78) Pyrene	19.451	202	241679	38.71	ng		99
80) Butylbenzylphthalate	20.327	149	82803	41.05	ng		90
81) Benzo(a)anthracene	21.163	228	288204	40.33	ng		98
82) 3,3'-Dichlorobenzidine	21.098	252	102061	37.91	ng		98
83) Chrysene	21.216	228	277531	40.07	ng		97
84) Bis(2-ethylhexyl)phtha...	21.086	149	127878	41.46	ng	#	99
85) Di-n-octyl phthalate	21.969	149	218726	42.22	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.862	276	398710	42.99	ng	#	96
88) Benzo(b)fluoranthene	22.774	252	334512	45.53	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	303962	42.31	ng	#	98
90) Benzo(a)pyrene	23.369	252	279867	41.56	ng	#	99
91) Dibenzo(a,h)anthracene	25.868	278	345350	42.20	ng	#	99
92) Benzo(g,h,i)perylene	26.580	276	321221	42.42	ng	#	95

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

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