Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005214.D
Acq On : 07 Apr 2021 11:13
Operator : CG/JU
Sample : PB135552BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 07 12:17:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB135552BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	29715	20.00	ng		# 0.00
21) Naphthalene-d8	10.487	136	107553	20.00	ng		# 0.00
39) Acenaphthene-d10	14.351	164	67148	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	135020	20.00	ng		0.00
76) Chrysene-d12	21.210	240	142820	20.00	ng		0.00
86) Perylene-d12	23.486	264	147536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	255586	132.37	ng		0.01
7) Phenol-d6	6.887	99	309884	112.04	ng		0.00
23) Nitrobenzene-d5	8.858	82	197450	78.77	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	122968	140.55	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	414058	83.41	ng		0.00
79) Terphenyl-d14	19.686	244	653963	83.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	35527	42.25	ng		98
3) Pyridine	3.640	79	88999	42.57	ng		95
4) n-Nitrosodimethylamine	3.558	42	29954	40.07	ng	#	86
6) Aniline	7.034	93	95091	30.34	ng		92
8) 2-Chlorophenol	7.269	128	86027	42.24	ng		86
9) Benzaldehyde	6.846	77	60264	42.78	ng	#	82
10) Phenol	6.911	94	117902	41.60	ng		88
11) bis(2-Chloroethyl)ether	7.128	93	87763	42.29	ng		95
12) 1,3-Dichlorobenzene	7.581	146	94672	41.84	ng	#	91
13) 1,4-Dichlorobenzene	7.734	146	99224	43.19	ng	#	92
14) 1,2-Dichlorobenzene	8.046	146	93839	42.58	ng		96
15) Benzyl Alcohol	7.946	79	83016	38.91	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.222	45	65648	43.13	ng		94
17) 2-Methylphenol	8.146	107	76043	42.04	ng	#	93
18) Hexachloroethane	8.763	117	36933	42.19	ng		98
19) n-Nitroso-di-n-propyla...	8.505	70	60612	33.78	ng	#	92
20) 3+4-Methylphenols	8.475	107	99622	40.33	ng		95
22) Acetophenone	8.522	105	135632	43.86	ng	#	96
24) Nitrobenzene	8.899	77	101416	38.39	ng	#	81
25) Isophorone	9.422	82	181350	39.20	ng	#	91
26) 2-Nitrophenol	9.605	139	46301	45.19	ng	#	75
27) 2,4-Dimethylphenol	9.669	122	76716	46.57	ng		88
28) bis(2-Chloroethoxy)met...	9.905	93	107442	45.88	ng		98
29) 2,4-Dichlorophenol	10.140	162	80331	43.58	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	89340	43.15	ng		99
31) Naphthalene	10.534	128	250280	41.19	ng		99
32) Benzoic acid	9.840	122	49788	40.71	ng	#	76
33) 4-Chloroaniline	10.652	127	59824	24.34	ng	#	89
34) Hexachlorobutadiene	10.810	225	61025	45.80	ng		95
35) Caprolactam	11.463	113	26959m	44.57	ng		
36) 4-Chloro-3-methylphenol	11.793	107	88053	39.54	ng		85
37) 2-Methylnaphthalene	12.157	142	177709	40.51	ng		97
38) 1-Methylnaphthalene	12.375	142	164005m	39.88	ng		
40) 1,2,4,5-Tetrachloroben...	12.528	216	106982	48.93	ng		98
41) Hexachlorocyclopentadiene	12.499	237	130539	109.75	ng		96
43) 2,4,6-Trichlorophenol	12.775	196	68003	44.99	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	72881	44.52	ng		97
46) 1,1'-Biphenyl	13.175	154	225557	44.04	ng		98
47) 2-Chloronaphthalene	13.222	162	178933	42.92	ng		98
48) 2-Nitroaniline	13.434	65	54594	41.10	ng	#	67
49) Acenaphthylene	14.069	152	285791	44.08	ng		99
50) Dimethylphthalate	13.816	163	215637	41.69	ng	#	99
51) 2,6-Dinitrotoluene	13.940	165	49943	40.97	ng	#	79
52) Acenaphthene	14.416	154	169855	42.57	ng		99
53) 3-Nitroaniline	14.269	138	33415	29.78	ng	#	71
54) 2,4-Dinitrophenol	14.481	184	59996	81.28	ng	#	85
55) Dibenzofuran	14.751	168	266704	40.79	ng		97
56) 4-Nitrophenol	14.593	139	81188	88.22	ng	#	62
57) 2,4-Dinitrotoluene	14.734	165	68283	42.42	ng	#	73
58) Fluorene	15.404	166	215170	40.75	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.987	232	66989	44.36	ng		91
60) Diethylphthalate	15.187	149	208732	41.26	ng		96
61) 4-Chlorophenyl-phenyle...	15.404	204	118573	42.31	ng		92
62) 4-Nitroaniline	15.440	138	48415	42.00	ng		75
63) Azobenzene	15.698	77	213244	36.88	ng		91
65) 4,6-Dinitro-2-methylph...	15.498	198	40353	40.95	ng		95
66) n-Nitrosodiphenylamine	15.622	169	188970	43.54	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	76284	48.76	ng		95
68) Hexachlorobenzene	16.410	284	84433	47.99	ng		97
69) Atrazine	16.587	200	74495	51.68	ng		96
70) Pentachlorophenol	16.763	266	110263	94.93	ng		97
71) Phenanthrene	17.157	178	338810	43.28	ng		98
72) Anthracene	17.245	178	343905	44.97	ng		98
73) Carbazole	17.522	167	303318	42.21	ng		99
74) Di-n-butylphthalate	18.081	149	361749	45.75	ng	#	98
75) Fluoranthene	19.133	202	403067	43.77	ng		98
77) Benzidine	19.316	184	176922	56.46	ng		99
78) Pyrene	19.486	202	410004	41.78	ng		98
80) Butylbenzylphthalate	20.363	149	164042	45.05	ng	#	77
81) Benzo(a)anthracene	21.192	228	433365	44.66	ng		97
82) 3,3'-Dichlorobenzidine	21.128	252	126797	38.88	ng		98
83) Chrysene	21.245	228	406566	42.69	ng		97
84) Bis(2-ethylhexyl)phtha...	21.122	149	244577	45.81	ng	#	96
85) Di-n-octyl phthalate	22.004	149	420086	46.66	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.827	276	512876	46.36	ng		97
88) Benzo(b)fluoranthene	22.798	252	448983	42.85	ng		99
89) Benzo(k)fluoranthene	22.845	252	407510	40.59	ng		97
90) Benzo(a)pyrene	23.386	252	389377	41.45	ng		98
91) Dibenzo(a,h)anthracene	25.839	278	434974	45.47	ng		98
92) Benzo(g,h,i)perylene	26.545	276	425930	46.14	ng		96

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

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