Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040121\
Data File : BP005132.D
Acq On : 01 Apr 2021 12:50
Operator : CG/JU
Sample : PB135470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135470BS

Manual Integrations APPROVED
mohammad
4/12/2021 1:17:25 PM

Quant Time: Apr 12 01:52:05 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	28209	20.00	ng		# 0.01
21) Naphthalene-d8	10.493	136	112447	20.00	ng		# 0.00
39) Acenaphthene-d10	14.363	164	75462	20.00	ng		0.01
64) Phenanthrene-d10	17.122	188	151094	20.00	ng		# 0.00
76) Chrysene-d12	21.222	240	151273	20.00	ng		0.00
86) Perylene-d12	23.504	264	151439	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	263329	143.66	ng		0.01
7) Phenol-d6	6.887	99	354150	134.88	ng		0.00
23) Nitrobenzene-d5	8.869	82	220332	84.07	ng		0.01
42) 2,4,6-Tribromophenol	15.863	330	121416	123.49	ng		0.00
45) 2-Fluorobiphenyl	12.981	172	453883	81.36	ng		0.01
79) Terphenyl-d14	19.698	244	709636	85.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	27010	33.84	ng		94
3) Pyridine	3.634	79	76804	38.70	ng		98
4) n-Nitrosodimethylamine	3.546	42	31350	44.18	ng	#	93
6) Aniline	7.040	93	104967	35.28	ng	#	90
8) 2-Chlorophenol	7.275	128	91535	47.35	ng		83
9) Benzaldehyde	6.852	77	70312	52.58	ng	#	78
10) Phenol	6.917	94	131038	48.70	ng		85
11) bis(2-Chloroethyl)ether	7.140	93	88245	44.79	ng		93
12) 1,3-Dichlorobenzene	7.593	146	94551	44.02	ng	#	88
13) 1,4-Dichlorobenzene	7.740	146	96983	44.47	ng	#	94
14) 1,2-Dichlorobenzene	8.058	146	90682	43.35	ng	#	91
15) Benzyl Alcohol	7.952	79	97490	48.13	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.240	45	70939	49.09	ng		93
17) 2-Methylphenol	8.152	107	84373	49.13	ng	#	91
18) Hexachloroethane	8.775	117	36759	44.23	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	76019	44.63	ng	#	92
20) 3+4-Methylphenols	8.487	107	117229	49.99	ng		94
22) Acetophenone	8.534	105	143958	44.53	ng	#	96
24) Nitrobenzene	8.911	77	111381	40.33	ng	#	82
25) Isophorone	9.434	82	207059	42.81	ng	#	89
26) 2-Nitrophenol	9.616	139	50251	46.91	ng	#	68
27) 2,4-Dimethylphenol	9.681	122	90471	52.52	ng		89
28) bis(2-Chloroethoxy)met...	9.916	93	118319	48.33	ng		96
29) 2,4-Dichlorophenol	10.152	162	87762	45.53	ng		93
30) 1,2,4-Trichlorobenzene	10.358	180	89679	41.43	ng		97
31) Naphthalene	10.546	128	269026	42.35	ng		100
32) Benzoic acid	9.840	122	64076	50.11	ng	#	78
33) 4-Chloroaniline	10.663	127	41562	16.17	ng	#	86
34) Hexachlorobutadiene	10.828	225	54300	38.98	ng		100
35) Caprolactam	11.463	113	30955m	48.94	ng		
36) 4-Chloro-3-methylphenol	11.799	107	104787	45.01	ng		83
37) 2-Methylnaphthalene	12.169	142	193643	42.22	ng		97
38) 1-Methylnaphthalene	12.387	142	179350	41.71	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	104309	42.45	ng	#	97
41) Hexachlorocyclopentadiene	12.516	237	144849	108.36	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	71687	42.20	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	79219	43.06	ng	#	92
46) 1,1'-Biphenyl	13.193	154	251999	43.78	ng		97
47) 2-Chloronaphthalene	13.234	162	189484	40.44	ng		98
48) 2-Nitroaniline	13.446	65	68596	45.95	ng	#	59
49) Acenaphthylene	14.081	152	324572	44.55	ng		100
50) Dimethylphthalate	13.828	163	244546	42.07	ng		100
51) 2,6-Dinitrotoluene	13.946	165	56091	40.95	ng	#	59
52) Acenaphthene	14.428	154	189644	42.30	ng		97
53) 3-Nitroaniline	14.275	138	29854	23.68	ng	#	56
54) 2,4-Dinitrophenol	14.487	184	77026	92.85	ng	#	78
55) Dibenzofuran	14.763	168	294563	40.08	ng		99
56) 4-Nitrophenol	14.598	139	99399	96.11	ng	#	58
57) 2,4-Dinitrotoluene	14.740	165	78047	43.14	ng	#	64
58) Fluorene	15.416	166	242249	40.83	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.993	232	71172	41.94	ng		97
60) Diethylphthalate	15.198	149	247319	43.50	ng		98
61) 4-Chlorophenyl-phenyle...	15.416	204	130684	41.50	ng		97
62) 4-Nitroaniline	15.451	138	58301	45.01	ng	#	71
63) Azobenzene	15.710	77	258179	39.73	ng		88
65) 4,6-Dinitro-2-methylph...	15.504	198	48485	43.97	ng		94
66) n-Nitrosodiphenylamine	15.634	169	216074	44.49	ng		97
67) 4-Bromophenyl-phenylether	16.316	248	77405	44.22	ng		99
68) Hexachlorobenzene	16.422	284	83447	42.39	ng		95
69) Atrazine	16.598	200	82794	51.33	ng		98
70) Pentachlorophenol	16.775	266	117013	90.02	ng		98
71) Phenanthrene	17.169	178	378683	43.23	ng		99
72) Anthracene	17.257	178	392840	45.90	ng		98
73) Carbazole	17.534	167	355593	44.22	ng		99
74) Di-n-butylphthalate	18.092	149	431509	48.77	ng	#	98
75) Fluoranthene	19.145	202	445186	43.20	ng		98
77) Benzidine	19.328	184	267857	80.70	ng		99
78) Pyrene	19.498	202	457811	44.04	ng		98
80) Butylbenzylphthalate	20.375	149	195869	50.78	ng	#	77
81) Benzo(a)anthracene	21.210	228	453544	44.13	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	94114	27.25	ng		99
83) Chrysene	21.257	228	435952	43.22	ng		97
84) Bis(2-ethylhexyl)phtha...	21.133	149	288192	50.96	ng		99
85) Di-n-octyl phthalate	22.022	149	486664	51.04	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.851	276	504871	44.46	ng		99
88) Benzo(b)fluoranthene	22.816	252	462228	42.98	ng		99
89) Benzo(k)fluoranthene	22.863	252	420052	40.76	ng		98
90) Benzo(a)pyrene	23.410	252	394117	40.87	ng		99
91) Dibenzo(a,h)anthracene	25.868	278	429404	43.73	ng		98
92) Benzo(g,h,i)perylene	26.574	276	425410	44.90	ng		97

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

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