Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005738.D
Acq On : 07 Jun 2021 12:19
Operator : CG/JU
Sample : PB136825BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136825BS

Manual Integrations APPROVED
mohammad
6/8/2021 3:37:12 PM

Quant Time: Jun 07 13:03:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	130611	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	502726	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	318058	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	631225	20.000	ng		0.00
76) Chrysene-d12	21.410	240	627197	20.000	ng	#	0.00
86) Perylene-d12	23.845	264	736941	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1108776	131.983	ng		0.00
7) Phenol-d6	7.146	99	1335555	116.617	ng		0.00
23) Nitrobenzene-d5	9.146	82	832707	92.118	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	803383	196.983	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	2123091	88.341	ng		0.00
79) Terphenyl-d14	19.886	244	3082345	92.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	124257	32.317	ng		94
3) Pyridine	3.811	79	327698	34.429	ng		95
4) n-Nitrosodimethylamine	3.717	42	163136	38.484	ng	#	27
6) Aniline	7.299	93	503141	37.582	ng		96
8) 2-Chlorophenol	7.540	128	447912	47.617	ng		98
9) Benzaldehyde	7.110	77	246519	49.717	ng		95
10) Phenol	7.175	94	514117	43.968	ng		99
11) bis(2-Chloroethyl)ether	7.399	93	369928	40.976	ng		96
12) 1,3-Dichlorobenzene	7.869	146	470275	44.044	ng		99
13) 1,4-Dichlorobenzene	8.010	146	484393	44.763	ng		97
14) 1,2-Dichlorobenzene	8.334	146	462862	44.724	ng		98
15) Benzyl Alcohol	8.222	79	373888	45.513	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.505	45	361035	34.935	ng		86
17) 2-Methylphenol	8.428	107	351217	46.141	ng		95
18) Hexachloroethane	9.057	117	173181	45.098	ng		97
19) n-Nitroso-di-n-propyla...	8.793	70	286679	39.353	ng		97
20) 3+4-Methylphenols	8.752	107	473153	46.658	ng		94
22) Acetophenone	8.805	105	603529	45.007	ng	#	98
24) Nitrobenzene	9.187	77	440440	43.864	ng	#	89
25) Isophorone	9.716	82	775335	38.633	ng		97
26) 2-Nitrophenol	9.899	139	234086	59.852	ng	#	77
27) 2,4-Dimethylphenol	9.957	122	405056	52.583	ng		98
28) bis(2-Chloroethoxy)met...	10.193	93	480075	44.447	ng		97
29) 2,4-Dichlorophenol	10.434	162	437948	52.860	ng		98
30) 1,2,4-Trichlorobenzene	10.651	180	462698	47.151	ng		98
31) Naphthalene	10.834	128	1271976	42.487	ng		98
32) Benzoic acid	10.122	122	187203	44.499	ng		95
33) 4-Chloroaniline	10.946	127	225910	18.122	ng	#	88
34) Hexachlorobutadiene	11.122	225	318172	51.912	ng		99
35) Caprolactam	11.740	113	120685m	53.192	ng		
36) 4-Chloro-3-methylphenol	12.069	107	416566	47.767	ng		93
37) 2-Methylnaphthalene	12.440	142	938188	44.227	ng	#	87
38) 1-Methylnaphthalene	12.657	142	863312	42.895	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.810	216	558537	52.643	ng		98
41) Hexachlorocyclopentadiene	12.787	237	661629	112.011	ng		97
43) 2,4,6-Trichlorophenol	13.045	196	361513	56.177	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.116	196	388053	55.763	ng	#	92
46)	1,1'-Biphenyl	13.440	154	1207344	46.749	ng		99
47)	2-Chloronaphthalene	13.487	162	937223	44.645	ng		98
48)	2-Nitroaniline	13.687	65	237707	47.728	ng	#	68
49)	Acenaphthylene	14.328	152	1466462	44.817	ng		100
50)	Dimethylphthalate	14.063	163	1152220	45.545	ng		99
51)	2,6-Dinitrotoluene	14.181	165	252986	45.564	ng	#	59
52)	Acenaphthene	14.669	154	856165	40.251	ng		97
53)	3-Nitroaniline	14.504	138	147631	28.332	ng	#	77
54)	2,4-Dinitrophenol	14.722	184	264896	111.584	ng		90
55)	Dibenzofuran	14.998	168	1383927	42.448	ng		98
56)	4-Nitrophenol	14.822	139	393930	83.315	ng	#	56
57)	2,4-Dinitrotoluene	14.969	165	340594	49.161	ng	#	58
58)	Fluorene	15.651	166	1092066	41.895	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.228	232	338375	56.200	ng		94
60)	Diethylphthalate	15.416	149	1109969	43.729	ng		99
61)	4-Chlorophenyl-phenyle...	15.639	204	598519	45.926	ng		97
62)	4-Nitroaniline	15.669	138	238771	41.731	ng	#	48
63)	Azobenzene	15.934	77	961524	36.174	ng		92
65)	4,6-Dinitro-2-methylph...	15.734	198	180160	53.638	ng		97
66)	n-Nitrosodiphenylamine	15.851	169	963363	44.789	ng	#	92
67)	4-Bromophenyl-phenylether	16.534	248	417070	54.847	ng		97
68)	Hexachlorobenzene	16.657	284	506764	55.969	ng		99
69)	Atrazine	16.804	200	369849	60.169	ng		97
70)	Pentachlorophenol	16.998	266	512634	112.888	ng		94
71)	Phenanthrene	17.386	178	1674767	42.587	ng		99
72)	Anthracene	17.481	178	1736108	44.711	ng		100
73)	Carbazole	17.745	167	1522705	39.845	ng		99
74)	Di-n-butylphthalate	18.286	149	1795426	43.872	ng	#	91
75)	Fluoranthene	19.345	202	1979517	41.933	ng		97
77)	Benzidine	19.516	184	1091256	91.615	ng		99
78)	Pyrene	19.698	202	2015316	45.538	ng		99
80)	Butylbenzylphthalate	20.557	149	775587	43.729	ng		87
81)	Benzo(a)anthracene	21.398	228	1974479	42.896	ng		99
82)	3,3'-Dichlorobenzidine	21.322	252	500087	33.636	ng	#	97
83)	Chrysene	21.451	228	1928868	43.276	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.310	149	1128369	45.134	ng		97
85)	Di-n-octyl phthalate	22.239	149	1981468	47.158	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.415	276	2908150	46.383	ng	#	95
88)	Benzo(b)fluoranthene	23.104	252	2259813	42.264	ng	#	98
89)	Benzo(k)fluoranthene	23.151	252	2084146	41.134	ng	#	97
90)	Benzo(a)pyrene	23.739	252	2154940	44.301	ng	#	97
91)	Dibenzo(a,h)anthracene	26.433	278	2473070	45.451	ng	#	96
92)	Benzo(g,h,i)perylene	27.209	276	2510286	47.831	ng	#	94

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

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