Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005549.D
Acq On : 14 May 2021 15:11
Operator : CG/JU
Sample : PB136336BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136336BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:19 AM

Quant Time: May 14 15:49:17 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 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	14976	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	47600	20.00	ng		# 0.00
39) Acenaphthene-d10	14.334	164	38011	20.00	ng		# 0.00
64) Phenanthrene-d10	17.087	188	85518	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	109938	20.00	ng		# 0.00
86) Perylene-d12	23.492	264	116775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	92620	118.69	ng		0.00
7) Phenol-d6	6.875	99	106328	109.27	ng		0.00
23) Nitrobenzene-d5	8.846	82	89316	73.85	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	104395	96.78	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	236133	70.08	ng		0.00
79) Terphenyl-d14	19.663	244	490772	75.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	8391	26.09	ng		94
3) Pyridine	3.564	79	23676	34.27	ng	#	82
4) n-Nitrosodimethylamine	3.481	42	20953	37.71	ng	#	10
6) Aniline	7.016	93	34127	32.50	ng	#	82
8) 2-Chlorophenol	7.246	128	34108	40.69	ng		91
9) Benzaldehyde	6.834	77	5936	9.12	ng	#	65
10) Phenol	6.905	94	39117	40.19	ng	#	48
11) bis(2-Chloroethyl)ether	7.116	93	26493	39.41	ng		95
12) 1,3-Dichlorobenzene	7.563	146	41360	37.09	ng	#	89
13) 1,4-Dichlorobenzene	7.711	146	42511	38.25	ng		97
14) 1,2-Dichlorobenzene	8.022	146	40138	37.68	ng		98
15) Benzyl Alcohol	7.934	79	37761	40.23	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.216	45	12827	38.65	ng	#	59
17) 2-Methylphenol	8.146	107	27420	41.02	ng	#	82
18) Hexachloroethane	8.740	117	17947	38.98	ng		90
19) n-Nitroso-di-n-propyla...	8.493	70	27694	38.87	ng		96
20) 3+4-Methylphenols	8.481	107	35326	39.76	ng		86
22) Acetophenone	8.511	105	51516	38.36	ng	#	87
24) Nitrobenzene	8.887	77	43911	36.20	ng		99
25) Isophorone	9.410	82	69473	37.10	ng	#	96
26) 2-Nitrophenol	9.599	139	19310	38.01	ng	#	77
27) 2,4-Dimethylphenol	9.669	122	29123	43.31	ng		86
28) bis(2-Chloroethoxy)met...	9.899	93	32326	41.23	ng		94
29) 2,4-Dichlorophenol	10.140	162	39512	37.42	ng		93
30) 1,2,4-Trichlorobenzene	10.334	180	50677	37.57	ng		99
31) Naphthalene	10.522	128	95300	37.23	ng		98
32) Benzoic acid	9.875	122	18004	34.66	ng	#	76
33) 4-Chloroaniline	10.657	127	20102	20.16	ng		95
34) Hexachlorobutadiene	10.793	225	41536	36.93	ng		97
35) Caprolactam	11.463	113	8533m	35.12	ng		
36) 4-Chloro-3-methylphenol	11.799	107	34741	36.91	ng		97
37) 2-Methylnaphthalene	12.140	142	75705	36.87	ng		95
38) 1-Methylnaphthalene	12.363	142	70972	36.62	ng		94
40) 1,2,4,5-Tetrachloroben...	12.516	216	65992	37.79	ng		98
41) Hexachlorocyclopentadiene	12.481	237	55511	76.04	ng		100
43) 2,4,6-Trichlorophenol	12.769	196	39164	35.89	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.857	196	41635	35.36	ng		92
46)	1,1'-Biphenyl	13.163	154	110669	37.81	ng		98
47)	2-Chloronaphthalene	13.204	162	88960	36.51	ng		99
48)	2-Nitroaniline	13.428	65	26900	38.86	ng		93
49)	Acenaphthylene	14.051	152	133842	38.12	ng		97
50)	Dimethylphthalate	13.804	163	118333	36.06	ng		99
51)	2,6-Dinitrotoluene	13.928	165	24517	33.27	ng		98
52)	Acenaphthene	14.393	154	78878	36.11	ng		97
53)	3-Nitroaniline	14.269	138	13768	26.08	ng		89
54)	2,4-Dinitrophenol	14.493	184	34170	76.88	ng		86
55)	Dibenzofuran	14.734	168	144033	35.06	ng		99
56)	4-Nitrophenol	14.610	139	26484	66.46	ng	#	77
57)	2,4-Dinitrotoluene	14.728	165	36252	33.37	ng	#	88
58)	Fluorene	15.387	166	120384	35.89	ng		96
59)	2,3,4,6-Tetrachlorophenol	14.975	232	41851	35.55	ng		97
60)	Diethylphthalate	15.169	149	115200	36.25	ng		99
61)	4-Chlorophenyl-phenyle...	15.381	204	75442	35.94	ng		95
62)	4-Nitroaniline	15.434	138	16288	32.11	ng	#	64
63)	Azobenzene	15.675	77	117145	35.76	ng		87
65)	4,6-Dinitro-2-methylph...	15.498	198	23772	35.08	ng		96
66)	n-Nitrosodiphenylamine	15.604	169	100264	40.17	ng	#	94
67)	4-Bromophenyl-phenylether	16.275	248	52284	39.17	ng		94
68)	Hexachlorobenzene	16.392	284	66522	39.29	ng		99
69)	Atrazine	16.569	200	46911	40.24	ng		99
70)	Pentachlorophenol	16.751	266	67017	74.61	ng		95
71)	Phenanthrene	17.134	178	186649	38.41	ng		98
72)	Anthracene	17.222	178	191510	39.71	ng		99
73)	Carbazole	17.504	167	151143	35.59	ng		97
74)	Di-n-butylphthalate	18.057	149	180659	38.75	ng	#	95
75)	Fluoranthene	19.110	202	244662	36.61	ng		97
77)	Benzidine	19.304	184	81027	47.62	ng		98
78)	Pyrene	19.463	202	249002	40.01	ng		100
80)	Butylbenzylphthalate	20.339	149	82115	40.83	ng		90
81)	Benzo(a)anthracene	21.175	228	280425	39.36	ng		99
82)	3,3'-Dichlorobenzidine	21.110	252	103289	38.48	ng		99
83)	Chrysene	21.227	228	268453	38.88	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.098	149	123857	40.28	ng	#	95
85)	Di-n-octyl phthalate	21.986	149	210267	40.71	ng	#	91
87)	Indeno(1,2,3-cd)pyrene	25.904	276	449873	45.79	ng	#	97
88)	Benzo(b)fluoranthene	22.792	252	321613	41.33	ng	#	98
89)	Benzo(k)fluoranthene	22.839	252	306502	40.28	ng	#	97
90)	Benzo(a)pyrene	23.398	252	283663	39.77	ng	#	99
91)	Dibenzo(a,h)anthracene	25.910	278	384148	44.31	ng	#	97
92)	Benzo(g,h,i)perylene	26.639	276	366808	45.73	ng	#	93

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

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