Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
Data File : BP007351.D
Acq On : 06 Oct 2021 13:10
Operator : CG/JU
Sample : PB139627BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139627BSD

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:23 AM

Quant Time: Oct 06 14:26:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	148527	20.00	ng		0.00
21) Naphthalene-d8	10.657	136	573275	20.00	ng		0.00
39) Acenaphthene-d10	14.498	164	348757	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	703817	20.00	ng	#	0.00
76) Chrysene-d12	21.345	240	700164	20.00	ng		0.00
86) Perylene-d12	23.750	264	755950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1221787	137.70	ng		-0.01
7) Phenol-d6	7.040	99	1465644	120.86	ng		-0.01
23) Nitrobenzene-d5	9.022	82	863291	87.70	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	599772	132.65	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2069222	85.00	ng		0.00
79) Terphenyl-d14	19.810	244	3158733	86.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	127385	35.50	ng	#	87
3) Pyridine	3.740	79	329538	33.56	ng	#	87
4) n-Nitrosodimethylamine	3.646	42	171246	50.87	ng	#	89
6) Aniline	7.187	93	568522	42.53	ng		99
8) 2-Chlorophenol	7.428	128	430128	44.60	ng		99
9) Benzaldehyde	6.998	77	259881m	38.04	ng		
10) Phenol	7.069	94	518450	44.34	ng		92
11) bis(2-Chloroethyl)ether	7.287	93	392986	42.58	ng		95
12) 1,3-Dichlorobenzene	7.745	146	461158	42.40	ng		97
13) 1,4-Dichlorobenzene	7.892	146	471175	42.49	ng		98
14) 1,2-Dichlorobenzene	8.210	146	453243	42.18	ng		98
15) Benzyl Alcohol	8.110	79	351953	45.31	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	451506	42.73	ng		89
17) 2-Methylphenol	8.316	107	343194	43.54	ng		95
18) Hexachloroethane	8.934	117	167532	45.00	ng		96
19) n-Nitroso-di-n-propyla...	8.675	70	274400	41.60	ng		99
20) 3+4-Methylphenols	8.645	107	460576	42.26	ng		96
22) Acetophenone	8.687	105	605316	43.82	ng		98
24) Nitrobenzene	9.069	77	431399	45.96	ng		98
25) Isophorone	9.598	82	753121	43.87	ng		98
26) 2-Nitrophenol	9.775	139	228162	46.62	ng	#	91
27) 2,4-Dimethylphenol	9.845	122	374855	48.65	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	482175	39.82	ng		99
29) 2,4-Dichlorophenol	10.322	162	391335	43.54	ng		100
30) 1,2,4-Trichlorobenzene	10.522	180	432639	42.25	ng		97
31) Naphthalene	10.710	128	1242593	42.47	ng		99
32) Benzoic acid	10.022	122	232930	39.33	ng		96
33) 4-Chloroaniline	10.828	127	430623	35.63	ng		99
34) Hexachlorobutadiene	10.986	225	263361	42.95	ng		99
35) Caprolactam	11.639	113	124667	45.08	ng	#	72
36) 4-Chloro-3-methylphenol	11.963	107	395957	43.34	ng		98
37) 2-Methylnaphthalene	12.322	142	889150	43.40	ng		97
38) 1-Methylnaphthalene	12.539	142	817529	40.84	ng		99
40) 1,2,4,5-Tetrachloroben...	12.692	216	470803	44.08	ng		99
41) Hexachlorocyclopentadiene	12.663	237	426046	71.98	ng		97
43) 2,4,6-Trichlorophenol	12.939	196	311037	42.68	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	342303	43.62	ng		98
46) 1,1'-Biphenyl	13.333	154	1078562	41.58	ng		99
47) 2-Chloronaphthalene	13.375	162	864761	43.03	ng		98
48) 2-Nitroaniline	13.586	65	244716	49.95	ng		98
49) Acenaphthylene	14.222	152	1366134	44.14	ng		100
50) Dimethylphthalate	13.957	163	1075248	42.87	ng		100
51) 2,6-Dinitrotoluene	14.080	165	238009	46.45	ng		97
52) Acenaphthene	14.563	154	806514	43.01	ng		99
53) 3-Nitroaniline	14.410	138	213813	38.59	ng		96
54) 2,4-Dinitrophenol	14.633	184	255217	86.47	ng		94
55) Dibenzofuran	14.898	168	1296557	41.44	ng		97
56) 4-Nitrophenol	14.739	139	383717	85.31	ng	#	88
57) 2,4-Dinitrotoluene	14.874	165	328081	48.52	ng		97
58) Fluorene	15.545	166	1042829	43.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	287416m	41.71	ng		
60) Diethylphthalate	15.322	149	1060378	43.63	ng		98
61) 4-Chlorophenyl-phenyle...	15.539	204	534597	41.86	ng		94
62) 4-Nitroaniline	15.580	138	255344	45.83	ng	#	84
63) Azobenzene	15.833	77	938075	44.54	ng		97
65) 4,6-Dinitro-2-methylph...	15.645	198	171196	40.53	ng		96
66) n-Nitrosodiphenylamine	15.757	169	919600	43.91	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	328381	42.57	ng		97
68) Hexachlorobenzene	16.557	284	375530	44.05	ng		99
69) Atrazine	16.716	200	343355	46.51	ng		98
70) Pentachlorophenol	16.910	266	426042	80.47	ng		99
71) Phenanthrene	17.292	178	1649378	43.71	ng		99
72) Anthracene	17.386	178	1698464	46.01	ng		99
73) Carbazole	17.663	167	1541662	42.62	ng		99
74) Di-n-butylphthalate	18.204	149	1813257	45.23	ng		99
75) Fluoranthene	19.262	202	1947696	44.80	ng		98
77) Benzidine	19.445	184	1317807	61.24	ng		99
78) Pyrene	19.615	202	2006500	43.68	ng		99
80) Butylbenzylphthalate	20.486	149	835229	45.40	ng		99
81) Benzo(a)anthracene	21.327	228	1938278	42.65	ng		99
82) 3,3'-Dichlorobenzidine	21.256	252	714669	45.79	ng	#	97
83) Chrysene	21.380	228	1920531	44.22	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1216312	45.99	ng		97
85) Di-n-octyl phthalate	22.168	149	2150581	47.76	ng		99
87) Indeno(1,2,3-cd)pyrene	26.280	276	2532336	46.61	ng	#	96
88) Benzo(b)fluoranthene	23.015	252	2105976	46.62	ng		99
89) Benzo(k)fluoranthene	23.062	252	1999257	43.71	ng	#	98
90) Benzo(a)pyrene	23.645	252	2050181	53.42	ng	#	97
91) Dibenzo(a,h)anthracene	26.292	278	2160886	47.46	ng	#	96
92) Benzo(g,h,i)perylene	27.056	276	2087526	46.99	ng	#	96

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

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