Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
Data File : BP007350.D
Acq On : 06 Oct 2021 12:32
Operator : CG/JU
Sample : PB139627BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139627BS

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:20 AM

Quant Time: Oct 06 13:30:34 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	7.858	152	143982	20.00	ng		0.00
21) Naphthalene-d8	10.657	136	563441	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	347050	20.00	ng		0.00
64) Phenanthrene-d10	17.251	188	709500	20.00	ng		0.00
76) Chrysene-d12	21.339	240	726778	20.00	ng		# 0.00
86) Perylene-d12	23.745	264	771032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1186989	138.00	ng		-0.01
7) Phenol-d6	7.046	99	1430172	121.66	ng		0.00
23) Nitrobenzene-d5	9.028	82	842284	87.06	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	601772	133.75	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2047369	84.52	ng		0.00
79) Terphenyl-d14	19.810	244	3248555	85.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	121100	34.82	ng	#	89
3) Pyridine	3.740	79	305223	32.07	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	162291	49.74	ng	#	91
6) Aniline	7.187	93	549351	42.39	ng		100
8) 2-Chlorophenol	7.428	128	418623	44.78	ng		97
9) Benzaldehyde	7.005	77	251968m	38.05	ng		
10) Phenol	7.069	94	505628	44.61	ng		94
11) bis(2-Chloroethyl)ether	7.287	93	381785	42.67	ng		96
12) 1,3-Dichlorobenzene	7.746	146	445038	42.21	ng		98
13) 1,4-Dichlorobenzene	7.893	146	452773	42.12	ng		98
14) 1,2-Dichlorobenzene	8.211	146	440046	42.24	ng		98
15) Benzyl Alcohol	8.111	79	346005	45.95	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.387	45	435789	42.54	ng		90
17) 2-Methylphenol	8.316	107	334887	43.83	ng		94
18) Hexachloroethane	8.934	117	161657	44.79	ng		94
19) n-Nitroso-di-n-propyla...	8.675	70	269415	42.14	ng		98
20) 3+4-Methylphenols	8.646	107	453742	42.95	ng		96
22) Acetophenone	8.687	105	592934	43.67	ng	#	98
24) Nitrobenzene	9.069	77	415101	45.00	ng		96
25) Isophorone	9.599	82	741283	43.94	ng		98
26) 2-Nitrophenol	9.781	139	218555	45.44	ng		91
27) 2,4-Dimethylphenol	9.846	122	367570	48.53	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	477682	40.13	ng		99
29) 2,4-Dichlorophenol	10.322	162	386572	43.76	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	419320	41.66	ng		98
31) Naphthalene	10.710	128	1216760	42.31	ng		99
32) Benzoic acid	10.022	122	226816	38.97	ng		97
33) 4-Chloroaniline	10.828	127	434729	36.59	ng		99
34) Hexachlorobutadiene	10.987	225	258139	42.84	ng		99
35) Caprolactam	11.640	113	124618	45.85	ng	#	71
36) 4-Chloro-3-methylphenol	11.963	107	389958	43.43	ng		97
37) 2-Methylnaphthalene	12.322	142	874086	43.41	ng		96
38) 1-Methylnaphthalene	12.540	142	810083	41.18	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	463546	43.62	ng		99
41) Hexachlorocyclopentadiene	12.663	237	410637	69.71	ng		98
43) 2,4,6-Trichlorophenol	12.934	196	308360	42.52	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	341789	43.77	ng		98
46) 1,1'-Biphenyl	13.328	154	1071770	41.52	ng		99
47) 2-Chloronaphthalene	13.375	162	858627	42.94	ng		98
48) 2-Nitroaniline	13.587	65	242735	49.79	ng		97
49) Acenaphthylene	14.216	152	1353930	43.96	ng		99
50) Dimethylphthalate	13.957	163	1071798	42.94	ng		100
51) 2,6-Dinitrotoluene	14.081	165	236480	46.38	ng		95
52) Acenaphthene	14.563	154	797869	42.76	ng		99
53) 3-Nitroaniline	14.410	138	219783	39.87	ng		99
54) 2,4-Dinitrophenol	14.634	184	252646	86.02	ng		95
55) Dibenzofuran	14.898	168	1289350	41.41	ng		96
56) 4-Nitrophenol	14.740	139	386853	86.44	ng		88
57) 2,4-Dinitrotoluene	14.875	165	329189	48.93	ng		97
58) Fluorene	15.545	166	1045805	43.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	290890m	42.42	ng		
60) Diethylphthalate	15.322	149	1062447	43.93	ng		98
61) 4-Chlorophenyl-phenyle...	15.540	204	532016	41.86	ng		93
62) 4-Nitroaniline	15.575	138	258608	46.64	ng	#	85
63) Azobenzene	15.834	77	937655	44.74	ng		96
65) 4,6-Dinitro-2-methylph...	15.645	198	170751	40.10	ng		97
66) n-Nitrosodiphenylamine	15.757	169	917545	43.46	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	330662	42.52	ng		96
68) Hexachlorobenzene	16.557	284	373764	43.49	ng		98
69) Atrazine	16.716	200	350031	47.04	ng		99
70) Pentachlorophenol	16.904	266	432548	81.05	ng		99
71) Phenanthrene	17.292	178	1654681	43.50	ng		99
72) Anthracene	17.387	178	1704262	45.79	ng		100
73) Carbazole	17.663	167	1560106	42.78	ng		99
74) Di-n-butylphthalate	18.204	149	1848490	45.74	ng		99
75) Fluoranthene	19.263	202	1971467	44.98	ng		98
77) Benzidine	19.445	184	1334285	59.74	ng		100
78) Pyrene	19.616	202	2040627	42.80	ng		99
80) Butylbenzylphthalate	20.486	149	856856	44.87	ng		95
81) Benzo(a)anthracene	21.327	228	2000577	42.41	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	740840	45.73	ng	#	98
83) Chrysene	21.380	228	1974880	43.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.245	149	1255467	45.73	ng		98
85) Di-n-octyl phthalate	22.163	149	2213369	47.35	ng		99
87) Indeno(1,2,3-cd)pyrene	26.280	276	2540369	45.85	ng	#	96
88) Benzo(b)fluoranthene	23.010	252	2082790m	45.20	ng		
89) Benzo(k)fluoranthene	23.063	252	2098700	44.99	ng		99
90) Benzo(a)pyrene	23.639	252	2094806	53.51	ng	#	98
91) Dibenzo(a,h)anthracene	26.292	278	2171899	46.77	ng	#	97
92) Benzo(g,h,i)perylene	27.057	276	2089239	46.10	ng	#	96

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

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