Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
Data File : BP007217.D
Acq On : 27 Sep 2021 21:48
Operator : CG/JU
Sample : M3950-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 28 02:52:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
HD-02-092421MS

Manual Integrations APPROVED

mohammad

9/28/2021 1:41:38 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	276588	20.000	ng		0.00
21) Naphthalene-d8	10.687	136	973168	20.000	ng	#	0.00
39) Acenaphthene-d10	14.516	164	502861	20.000	ng		-0.01
64) Phenanthrene-d10	17.269	188	872005	20.000	ng		0.00
76) Chrysene-d12	21.357	240	985865	20.000	ng		0.00
86) Perylene-d12	23.768	264	1141908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1572878	95.192	ng		0.00
7) Phenol-d6	7.063	99	1834715	81.243	ng		0.00
23) Nitrobenzene-d5	9.052	82	1077547	64.482	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	603867	92.627	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	2430066	69.231	ng		0.00
79) Terphenyl-d14	19.827	244	2748523	53.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	211129	31.597	ng	#	88
3) Pyridine	3.758	79	491816	26.898	ng	#	86
4) n-Nitrosodimethylamine	3.664	42	223765	35.698	ng	#	82
6) Aniline	7.210	93	464679	18.667	ng		99
8) 2-Chlorophenol	7.452	128	618385	34.436	ng		100
9) Benzaldehyde	7.022	77	382033m	30.031	ng		
10) Phenol	7.093	94	717849	32.970	ng		94
11) bis(2-Chloroethyl)ether	7.311	93	565600	32.910	ng		96
12) 1,3-Dichlorobenzene	7.775	146	712038	35.152	ng		96
13) 1,4-Dichlorobenzene	7.922	146	727099	35.210	ng		98
14) 1,2-Dichlorobenzene	8.234	146	685699	34.266	ng		98
15) Benzyl Alcohol	8.128	79	487120	33.678	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.422	45	634562	32.246	ng		90
17) 2-Methylphenol	8.340	107	486826	33.168	ng		94
18) Hexachloroethane	8.957	117	182209	26.281	ng		93
19) n-Nitroso-di-n-propyla...	8.699	70	375798	30.596	ng		97
20) 3+4-Methylphenols	8.663	107	635866	31.331	ng		93
22) Acetophenone	8.710	105	841311	35.879	ng	#	99
24) Nitrobenzene	9.093	77	579651	36.382	ng		97
25) Isophorone	9.622	82	1004290	34.466	ng		98
26) 2-Nitrophenol	9.799	139	242120	29.144	ng		90
27) 2,4-Dimethylphenol	9.869	122	515902	39.440	ng		98
28) bis(2-Chloroethoxy)met...	10.099	93	665086	32.352	ng		99
29) 2,4-Dichlorophenol	10.340	162	532517	34.899	ng		98
30) 1,2,4-Trichlorobenzene	10.552	180	626713	36.053	ng		98
31) Naphthalene	10.734	128	1712652	34.483	ng		100
32) Benzoic acid	10.034	122	342500	34.067	ng		97
33) 4-Chloroaniline	10.852	127	305883	14.907	ng		99
34) Hexachlorobutadiene	11.016	225	412651	39.647	ng		99
35) Caprolactam	11.657	113	143282	30.523	ng	#	75
36) 4-Chloro-3-methylphenol	11.981	107	481209	31.026	ng		99
37) 2-Methylnaphthalene	12.346	142	1172588	33.717	ng		96
38) 1-Methylnaphthalene	12.563	142	1070600	31.506	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	638183	41.442	ng	#	98
41) Hexachlorocyclopentadiene	12.693	237	143646	16.831	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	393385	37.438	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	410822	36.307	ng		96
46) 1,1'-Biphenyl	13.351	154	1372962	36.707	ng		100
47) 2-Chloronaphthalene	13.398	162	1075277	37.112	ng		97
48) 2-Nitroaniline	13.604	65	270319	38.266	ng		91
49) Acenaphthylene	14.240	152	1622390	36.355	ng		99
50) Dimethylphthalate	13.981	163	1279171	35.368	ng		99
51) 2,6-Dinitrotoluene	14.098	165	249831	33.816	ng		88
52) Acenaphthene	14.581	154	929400	34.374	ng		99
53) 3-Nitroaniline	14.428	138	255710	32.011	ng		97
54) 2,4-Dinitrophenol	14.645	184	40768	9.579	ng		88
55) Dibenzofuran	14.916	168	1478499	32.775	ng		96
56) 4-Nitrophenol	14.745	139	403563	62.230	ng	#	83
57) 2,4-Dinitrotoluene	14.887	165	298266	30.594	ng		92
58) Fluorene	15.569	166	1116423	32.035	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	322450m	32.453	ng		
60) Diethylphthalate	15.339	149	1165967	33.270	ng		99
61) 4-Chlorophenyl-phenyle...	15.557	204	597052	32.421	ng		93
62) 4-Nitroaniline	15.587	138	258922	32.230	ng	#	83
63) Azobenzene	15.851	77	910536	29.982	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	28531	5.452	ng		97
66) n-Nitrosodiphenylamine	15.775	169	965246	37.202	ng		99
67) 4-Bromophenyl-phenylether	16.457	248	359296	37.595	ng		94
68) Hexachlorobenzene	16.575	284	404997	38.343	ng		97
69) Atrazine	16.734	200	316026	34.555	ng		96
70) Pentachlorophenol	16.922	266	514937	78.502	ng		99
71) Phenanthrene	17.310	178	1629095	34.842	ng		100
72) Anthracene	17.404	178	1681601	36.765	ng		99
73) Carbazole	17.675	167	1461830	32.615	ng		98
74) Di-n-butylphthalate	18.222	149	1680067	33.824	ng		99
75) Fluoranthene	19.280	202	2086212	38.728	ng		98
77) Benzidine	19.457	184	1634438	53.947	ng		99
78) Pyrene	19.633	202	2191976	33.889	ng		99
80) Butylbenzylphthalate	20.498	149	796514	30.750	ng		96
81) Benzo(a)anthracene	21.339	228	2265527	35.403	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	837419	38.105	ng		99
83) Chrysene	21.392	228	2184530	35.719	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1161004	31.176	ng		99
85) Di-n-octyl phthalate	22.180	149	2219007	34.998	ng		99
87) Indeno(1,2,3-cd)pyrene	26.310	276	2985458	36.380	ng		99
88) Benzo(b)fluoranthene	23.033	252	2552936	37.410	ng		98
89) Benzo(k)fluoranthene	23.080	252	2409390	34.871	ng		98
90) Benzo(a)pyrene	23.668	252	2490556	42.957	ng		99
91) Dibenzo(a,h)anthracene	26.327	278	2476263	36.007	ng		97
92) Benzo(g,h,i)perylene	27.092	276	2523299	37.598	ng		98

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

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