Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007161.D
Acq On : 24 Sep 2021 16:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/27/2021 3:04:16 PM

Quant Time: Sep 24 17:06:45 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	241333	20.000	ng		0.00
21) Naphthalene-d8	10.687	136	881397	20.000	ng	#	0.00
39) Acenaphthene-d10	14.522	164	546278	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	1128815	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	1131023	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1206039	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	1115678	77.386	ng		0.00
7) Phenol-d6	7.058	99	1460327	74.111	ng		0.00
23) Nitrobenzene-d5	9.052	82	1192917	78.819	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	582463	82.243	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	3010680	78.956	ng		0.00
79) Terphenyl-d14	19.827	244	4549626	77.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	230096	39.467	ng		89
3) Pyridine	3.758	79	606288	38.002	ng	#	88
4) n-Nitrosodimethylamine	3.664	42	208906	38.196	ng	#	77
6) Aniline	7.216	93	803156	36.978	ng		98
8) 2-Chlorophenol	7.452	128	597840	38.155	ng		99
9) Benzaldehyde	7.028	77	417742m	37.636	ng		
10) Phenol	7.081	94	703253	37.018	ng		90
11) bis(2-Chloroethyl)ether	7.310	93	548290	36.563	ng		95
12) 1,3-Dichlorobenzene	7.775	146	679552	38.449	ng		97
13) 1,4-Dichlorobenzene	7.922	146	689357	38.259	ng		98
14) 1,2-Dichlorobenzene	8.240	146	661172	37.867	ng		98
15) Benzyl Alcohol	8.128	79	470014	37.243	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.422	45	608894	35.461	ng		90
17) 2-Methylphenol	8.334	107	477962	37.321	ng		91
18) Hexachloroethane	8.963	117	234486	38.762	ng		96
19) n-Nitroso-di-n-propyla...	8.699	70	380217	35.478	ng		97
20) 3+4-Methylphenols	8.663	107	650505	36.735	ng		95
22) Acetophenone	8.710	105	829093	39.039	ng	#	99
24) Nitrobenzene	9.093	77	565254	39.173	ng		94
25) Isophorone	9.622	82	1016614	38.521	ng		97
26) 2-Nitrophenol	9.804	139	314056	41.739	ng	#	88
27) 2,4-Dimethylphenol	9.863	122	462946	39.076	ng		95
28) bis(2-Chloroethoxy)met...	10.099	93	700387	37.616	ng		99
29) 2,4-Dichlorophenol	10.340	162	552985	40.013	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	627497	39.856	ng		97
31) Naphthalene	10.740	128	1747630	38.851	ng		99
32) Benzoic acid	10.004	122	371134	40.759	ng		95
33) 4-Chloroaniline	10.851	127	719604	38.721	ng		97
34) Hexachlorobutadiene	11.022	225	384244	40.761	ng		99
35) Caprolactam	11.645	113	171122	40.249	ng	#	78
36) 4-Chloro-3-methylphenol	11.975	107	536324	38.180	ng		96
37) 2-Methylnaphthalene	12.351	142	1199162m	38.071	ng		
38) 1-Methylnaphthalene	12.569	142	1170423	38.030	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	670939	40.106	ng		99
41) Hexachlorocyclopentadiene	12.692	237	349779	37.725	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	467145	40.924	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	499940	40.671	ng		97
46) 1,1'-Biphenyl	13.357	154	1589739	39.124	ng		99
47) 2-Chloronaphthalene	13.398	162	1239273	39.372	ng		98
48) 2-Nitroaniline	13.604	65	312758	40.755	ng		90
49) Acenaphthylene	14.239	152	1919172	39.588	ng		100
50) Dimethylphthalate	13.981	163	1534867	39.065	ng		100
51) 2,6-Dinitrotoluene	14.098	165	326979	40.741	ng		92
52) Acenaphthene	14.586	154	1144431	38.963	ng		99
53) 3-Nitroaniline	14.428	138	355129	40.924	ng		95
54) 2,4-Dinitrophenol	14.634	184	197980	42.823	ng		91
55) Dibenzofuran	14.922	168	1905058	38.875	ng		94
56) 4-Nitrophenol	14.734	139	292998	41.590	ng	#	81
57) 2,4-Dinitrotoluene	14.886	165	439492	41.497	ng		92
58) Fluorene	15.569	166	1473137	38.912	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	433375	40.150	ng		95
60) Diethylphthalate	15.345	149	1485390	39.016	ng		98
61) 4-Chlorophenyl-phenyle...	15.563	204	780652	39.021	ng		92
62) 4-Nitroaniline	15.592	138	371165	42.530	ng	#	78
63) Azobenzene	15.857	77	1283997	38.920	ng		92
65) 4,6-Dinitro-2-methylph...	15.651	198	287303	42.412	ng		97
66) n-Nitrosodiphenylamine	15.781	169	1307468	38.928	ng		98
67) 4-Bromophenyl-phenylether	16.457	248	487992	39.444	ng		95
68) Hexachlorobenzene	16.575	284	533697	39.033	ng		99
69) Atrazine	16.733	200	474897	40.113	ng		97
70) Pentachlorophenol	16.922	266	344061	40.519	ng		99
71) Phenanthrene	17.316	178	2348147	38.795	ng		99
72) Anthracene	17.404	178	2338554	39.496	ng		99
73) Carbazole	17.675	167	2299229	39.628	ng		98
74) Di-n-butylphthalate	18.227	149	2608687	40.571	ng		98
75) Fluoranthene	19.280	202	2782266	39.898	ng		97
77) Benzidine	19.457	184	1320117	37.980	ng		99
78) Pyrene	19.633	202	2858038	38.515	ng		99
80) Butylbenzylphthalate	20.504	149	1220298	41.064	ng		96
81) Benzo(a)anthracene	21.339	228	2861877	38.983	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	1010221	40.068	ng		97
83) Chrysene	21.392	228	2706053	38.567	ng		98
84) Bis(2-ethylhexyl)phtha...	21.269	149	1738646	40.695	ng		98
85) Di-n-octyl phthalate	22.192	149	3051903	41.957	ng		100
87) Indeno(1,2,3-cd)pyrene	26.304	276	3419687	39.455	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	2789987	38.709	ng	#	98
89) Benzo(k)fluoranthene	23.080	252	2779210	38.085	ng	#	98
90) Benzo(a)pyrene	23.663	252	2399436	39.185	ng	#	97
91) Dibenzo(a,h)anthracene	26.315	278	2865274	39.448	ng	#	97
92) Benzo(g,h,i)perylene	27.080	276	2810205	39.646	ng	#	95

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

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