Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007241.D
Acq On : 28 Sep 2021 21:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 29 05:27:28 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 :
SSTDCCC040EC

Manual Integrations APPROVED

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9/29/2021 12:55:38 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	220571	20.000	ng		-0.02
21) Naphthalene-d8	10.681	136	837672	20.000	ng		#-0.01
39) Acenaphthene-d10	14.510	164	538466	20.000	ng		-0.02
64) Phenanthrene-d10	17.263	188	1093483	20.000	ng		-0.01
76) Chrysene-d12	21.351	240	1038385	20.000	ng		0.00
86) Perylene-d12	23.762	264	1105567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	973649	73.892	ng		-0.01
7) Phenol-d6	7.052	99	1331191	73.917	ng		-0.01
23) Nitrobenzene-d5	9.040	82	1135664	78.953	ng		-0.02
42) 2,4,6-Tribromophenol	16.004	330	617611	88.471	ng		-0.01
45) 2-Fluorobiphenyl	13.139	172	2875889	76.515	ng		-0.01
79) Terphenyl-d14	19.821	244	4304139	79.430	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	182260	34.204	ng	#	87
3) Pyridine	3.752	79	510345	35.000	ng	#	87
4) n-Nitrosodimethylamine	3.658	42	184627	36.934	ng	#	77
6) Aniline	7.204	93	727425	36.644	ng		99
8) 2-Chlorophenol	7.446	128	546382	38.153	ng		100
9) Benzaldehyde	7.016	77	381939m	37.649	ng		
10) Phenol	7.081	94	638993	36.802	ng		92
11) bis(2-Chloroethyl)ether	7.304	93	491155	35.836	ng		95
12) 1,3-Dichlorobenzene	7.763	146	615608	38.110	ng		97
13) 1,4-Dichlorobenzene	7.910	146	629745	38.241	ng		99
14) 1,2-Dichlorobenzene	8.228	146	610636	38.265	ng		97
15) Benzyl Alcohol	8.122	79	447134	38.764	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.410	45	567208	36.143	ng		90
17) 2-Methylphenol	8.328	107	444138	37.944	ng		94
18) Hexachloroethane	8.951	117	205347	37.140	ng		96
19) n-Nitroso-di-n-propyla...	8.693	70	349456	35.677	ng		96
20) 3+4-Methylphenols	8.657	107	606500	37.473	ng		93
22) Acetophenone	8.704	105	768379	38.069	ng		99
24) Nitrobenzene	9.081	77	535091	39.018	ng		96
25) Isophorone	9.616	82	947600	37.780	ng		99
26) 2-Nitrophenol	9.793	139	300844	42.070	ng		91
27) 2,4-Dimethylphenol	9.857	122	430753	38.257	ng		99
28) bis(2-Chloroethoxy)met...	10.093	93	636617	35.976	ng		99
29) 2,4-Dichlorophenol	10.334	162	529709	40.330	ng		99
30) 1,2,4-Trichlorobenzene	10.545	180	604932	40.429	ng		97
31) Naphthalene	10.728	128	1644715	38.471	ng		100
32) Benzoic acid	10.028	122	363992	42.061	ng		95
33) 4-Chloroaniline	10.840	127	681956	38.611	ng		100
34) Hexachlorobutadiene	11.010	225	383526	42.809	ng		99
35) Caprolactam	11.651	113	162369	40.183	ng	#	81
36) 4-Chloro-3-methylphenol	11.975	107	523944	39.245	ng		98
37) 2-Methylnaphthalene	12.339	142	1155490	38.600	ng		96
38) 1-Methylnaphthalene	12.557	142	1124929	38.460	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	670548	40.665	ng	#	97
41) Hexachlorocyclopentadiene	12.681	237	139887	15.306	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	461776	41.041	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	492567	40.653	ng		94
46) 1,1'-Biphenyl	13.345	154	1527271	38.132	ng		99
47) 2-Chloronaphthalene	13.392	162	1199718	38.669	ng		97
48) 2-Nitroaniline	13.598	65	312407	41.300	ng		91
49) Acenaphthylene	14.233	152	1858518	38.893	ng		100
50) Dimethylphthalate	13.975	163	1465624	37.844	ng		100
51) 2,6-Dinitrotoluene	14.092	165	313984	39.690	ng		91
52) Acenaphthene	14.575	154	1102499	38.080	ng		99
53) 3-Nitroaniline	14.422	138	343155	40.118	ng		98
54) 2,4-Dinitrophenol	14.633	184	74617	16.374	ng		95
55) Dibenzofuran	14.910	168	1843812	38.171	ng		96
56) 4-Nitrophenol	14.739	139	273227	39.346	ng	#	84
57) 2,4-Dinitrotoluene	14.881	165	428611	41.057	ng		93
58) Fluorene	15.563	166	1430157	38.324	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	429279	40.347	ng		95
60) Diethylphthalate	15.333	149	1434219	38.218	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	768866	38.990	ng		93
62) 4-Nitroaniline	15.586	138	357124	41.514	ng	#	81
63) Azobenzene	15.845	77	1215803	37.387	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	130394	19.871	ng		97
66) n-Nitrosodiphenylamine	15.769	169	1257010	38.635	ng		98
67) 4-Bromophenyl-phenylether	16.451	248	492658	41.108	ng		95
68) Hexachlorobenzene	16.569	284	553475	41.787	ng		96
69) Atrazine	16.727	200	443079	38.634	ng		98
70) Pentachlorophenol	16.916	266	325187	39.534	ng		99
71) Phenanthrene	17.304	178	2245996	38.307	ng		99
72) Anthracene	17.398	178	2248766	39.207	ng		100
73) Carbazole	17.669	167	2159978	38.431	ng		98
74) Di-n-butylphthalate	18.216	149	2424086	38.918	ng		98
75) Fluoranthene	19.274	202	2619872	38.784	ng		98
77) Benzidine	19.457	184	1142516	35.803	ng		100
78) Pyrene	19.627	202	2675307	39.269	ng		99
80) Butylbenzylphthalate	20.498	149	1096594	40.193	ng		93
81) Benzo(a)anthracene	21.333	228	2604302	38.639	ng		99
82) 3,3'-Dichlorobenzidine	21.263	252	949752	41.030	ng		98
83) Chrysene	21.386	228	2455110	38.112	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1513319	38.581	ng		98
85) Di-n-octyl phthalate	22.180	149	2629027	39.368	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	3126831	39.355	ng		98
88) Benzo(b)fluoranthene	23.027	252	2579598	39.043	ng		99
89) Benzo(k)fluoranthene	23.074	252	2457274	36.733	ng		99
90) Benzo(a)pyrene	23.657	252	2158542	38.454	ng		99
91) Dibenzo(a,h)anthracene	26.303	278	2595015	38.974	ng		98
92) Benzo(g,h,i)perylene	27.062	276	2548255	39.218	ng		97

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

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