Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
Data File : BP007999.D
Acq On : 16 Nov 2021 15:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 16 16:08:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 12:59:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	152321	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	547906	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	373152	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	815701	20.000	ng		# 0.00
76) Chrysene-d12	21.339	240	985903	20.000	ng		# 0.00
86) Perylene-d12	23.745	264	1173178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	717863	76.453	ng		0.00
7) Phenol-d6	7.016	99	955712	76.509	ng		0.00
23) Nitrobenzene-d5	9.005	82	857522	83.754	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	508587	86.626	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2125335	79.894	ng		0.00
79) Terphenyl-d14	19.810	244	3886980	79.944	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	146879	37.169	ng		95
3) Pyridine	3.734	79	439930	38.811	ng		95
4) n-Nitrosodimethylamine	3.640	42	175844	41.999	ng	#	96
6) Aniline	7.169	93	558289	39.579	ng		98
8) 2-Chlorophenol	7.410	128	396396	39.931	ng		97
9) Benzaldehyde	6.981	77	277288	34.418	ng		98
10) Phenol	7.046	94	480636	39.659	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	375048	37.657	ng		96
12) 1,3-Dichlorobenzene	7.728	146	437926	39.229	ng		98
13) 1,4-Dichlorobenzene	7.875	146	446726	39.362	ng		98
14) 1,2-Dichlorobenzene	8.193	146	434559	37.919	ng		99
15) Benzyl Alcohol	8.087	79	384790	40.726	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	419003	34.812	ng		96
17) 2-Methylphenol	8.293	107	335220	40.164	ng		99
18) Hexachloroethane	8.922	117	144950	37.664	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	272775	35.078	ng		96
20) 3+4-Methylphenols	8.622	107	429466	37.131	ng		97
22) Acetophenone	8.663	105	564385	40.497	ng		99
24) Nitrobenzene	9.040	77	404074	41.294	ng		98
25) Isophorone	9.575	82	723425	40.622	ng		99
26) 2-Nitrophenol	9.752	139	210962	42.230	ng	#	95
27) 2,4-Dimethylphenol	9.822	122	298644	40.472	ng		94
28) bis(2-Chloroethoxy)met...	10.057	93	462943	39.176	ng		99
29) 2,4-Dichlorophenol	10.293	162	383225	42.188	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	430569	41.426	ng		97
31) Naphthalene	10.693	128	1125322	40.220	ng		99
32) Benzoic acid	9.993	122	268377	42.087	ng		93
33) 4-Chloroaniline	10.804	127	484944	40.354	ng		99
34) Hexachlorobutadiene	10.981	225	309126	43.527	ng		98
35) Caprolactam	11.604	113	80567	40.386	ng		92
36) 4-Chloro-3-methylphenol	11.934	107	418097	40.733	ng		96
37) 2-Methylnaphthalene	12.304	142	809043	39.569	ng		97
38) 1-Methylnaphthalene	12.522	142	796622	39.946	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	514484	41.381	ng		99
41) Hexachlorocyclopentadiene	12.657	237	258446	45.273	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	353285	41.582	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	381047	41.279	ng		97
46) 1,1'-Biphenyl	13.316	154	1104805	39.641	ng		97
47) 2-Chloronaphthalene	13.357	162	873785	40.077	ng		99
48) 2-Nitroaniline	13.563	65	259638	41.958	ng		99
49) Acenaphthylene	14.204	152	1348729	40.667	ng		99
50) Dimethylphthalate	13.951	163	1157587	39.211	ng		99
51) 2,6-Dinitrotoluene	14.063	165	244378	39.845	ng		98
52) Acenaphthene	14.545	154	801691	40.383	ng		97
53) 3-Nitroaniline	14.392	138	250086	39.992	ng		99
54) 2,4-Dinitrophenol	14.604	184	156716	42.341	ng	#	88
55) Dibenzofuran	14.881	168	1365332	40.443	ng		97
56) 4-Nitrophenol	14.704	139	210459	41.296	ng		88
57) 2,4-Dinitrotoluene	14.851	165	342832	41.993	ng	#	96
58) Fluorene	15.534	166	1049482	39.072	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	352315m	41.903	ng		
60) Diethylphthalate	15.316	149	1149978	40.413	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	591049	40.686	ng		98
62) 4-Nitroaniline	15.557	138	267738	41.660	ng	#	85
63) Azobenzene	15.822	77	980765	40.938	ng		97
65) 4,6-Dinitro-2-methylph...	15.622	198	235529	44.057	ng		91
66) n-Nitrosodiphenylamine	15.745	169	962729	41.233	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	403125	42.255	ng		98
68) Hexachlorobenzene	16.545	284	457962	42.622	ng		92
69) Atrazine	16.704	200	250756	41.194	ng		98
70) Pentachlorophenol	16.892	266	295199	45.055	ng		99
71) Phenanthrene	17.286	178	1751119	40.296	ng		100
72) Anthracene	17.375	178	1738511	40.809	ng		99
73) Carbazole	17.645	167	1686535	40.201	ng		99
74) Di-n-butylphthalate	18.204	149	1974092	41.579	ng		100
75) Fluoranthene	19.257	202	2225441	40.446	ng		97
77) Benzidine	19.433	184	554650	36.666	ng		100
78) Pyrene	19.610	202	2300766	39.024	ng		99
80) Butylbenzylphthalate	20.486	149	987599	40.569	ng		94
81) Benzo(a)anthracene	21.322	228	2607391	40.172	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	1259331	42.036	ng	#	99
83) Chrysene	21.374	228	2478962	39.848	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1420748	40.876	ng	#	96
85) Di-n-octyl phthalate	22.180	149	2637084	41.169	ng		96
87) Indeno(1,2,3-cd)pyrene	26.268	276	3572984	42.182	ng	#	92
88) Benzo(b)fluoranthene	23.010	252	2748084	39.352	ng	#	98
89) Benzo(k)fluoranthene	23.063	252	2819956	40.422	ng	#	97
90) Benzo(a)pyrene	23.639	252	2418905	40.498	ng	#	97
91) Dibenzo(a,h)anthracene	26.286	278	2977414	42.374	ng	#	95
92) Benzo(g,h,i)perylene	27.039	276	2946622	42.543	ng	#	94

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

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